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Hand-Spinning and Hand-Weaving

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HAND-SPINNING AND HAND-WEAVING

A LIST OF REFERENCES IN THE NEW YORK PUBLIC LIBRARY

Compiled by **WILLIAM BURT GAMBLE**
Chief of the Division of Science and Technology

1. **Adair, James.** The history of the American Indians...containing an account of the origin of...agriculture, manufactures... London: Edward & Charles Dilly, 1775. 464 p. 4°. **HBC**
2. **Addison, Julia De Wolf.** Arts and crafts in the middle ages. A description of mediæval workmanship in several of the departments of applied art, together with some account of special artisans in the early Renaissance. Boston: L. C. Page & Co., 1908. xix, 378 p. illus. 8°. **MNC**
See chapter on tapestry.
3. **Ainscough, T. M.** China: silk weaving in Honan. (Textile record. Manchester, 1911. v. 29, p. 2.) **†† VLA**
4. **Aiyar, N. Subramania.** Weaving in Madras. (South Indian Association. Journal. Madras, 1914. v. 4, p. 163-194.) *** EC**
Historical, with an account of present conditions and the results of several loom competitions.
5. **Albee, Helen Rickey.** Abnakee rugs, a manual describing the Abnakee industry, the methods used, with instructions for dyeing. Cambridge, Mass.: The Riverside Press, 1903. 60 p. 2. ed. illus. 12°. **3 MOP p.v.1, no.1**
6. — Developing a home industry: how the Abnakee rug grew out of the old fashioned hooked mat of our grandmothers. illus. (Craftsman. New York, 1908. v. 15, Nov., 1908, p. 236-241.) **MNA**
7. — How Abnakee rugs are made; full description of the exact method of working. illus. (Craftsman. New York, 1908. v. 15, Dec., 1908, p. 353-357.) **MNA**
Practical directions with sketches of the frame.
8. — A profitable philanthropy. illus. (American monthly review of reviews. New York, 1900. v. 22, p. 57-60.) *** DA**
Hand-weaving in rural North Carolina. Abnakee rugs. Pictures of work executed, but little of technical interest.
9. **Algoud, Henri.** Gaspard Grégoire et ses velours d'art. Paris: Société française d'imprimerie et de librairie, 1908. 72 p. illus. 8°. **MON**
Grégoire was born in 1751 and was noted for his "painted" velvets. Process of weaving is described on p. 39-49. See especially the loom pictured on p. 44.
10. — Le velours. Paris: Ch. Massin, n. d. 20 p. illus. f°. (Les arts de la soie.) **†† MON**
Page 10 has reproduction of old cut showing large loom.
- 10a. **Allen, John Romilly.** The evolution of the textile industries. illus. (Reliquary & illustrated archaeologist. London, 1897. new series, v. 3, p. 165-174.) **CA**
11. The Amazon expedition. illus. (University of Pennsylvania. The museum journal. Philadelphia, 1915. v. 6, p. 1-54.) *** F**
Good illustrations of weaving and spinning.
12. **American Museum of Natural History.** General guide to the exhibition halls. New York: The Museum, 1916. 133 p. illus. 8°. (Guide leaflet series. no. 44.) **PQA**
p. 24: Copy of Will S. Taylor's painting entitled: Weaving a Chilkat blanket; p. 34, picture of a Hopi loom.
13. **Anderson, John.** Mandalay to Momiën: a narrative of the two expeditions to western China of 1868 and 1875... London: Macmillan & Co., 1876. xvi, 479 p. illus. 8°. **BEL**
Brief description of loom, p. 139.
14. **Anderson, Joseph.** Notes on the evidence of spinning and weaving in the brochs or Pictish towers supplied by the stone whorls and the long-handled "broch combs" found in them. illus. (Society of Antiquaries of Scotland. Proceedings. Edinburgh, 1873. v. 9, 1870/2, p. 548-561.) **CPA**
15. — Scotland in pagan times, the iron age. The Rhind lectures in archaeology for 1881. Edinburgh: David Douglas, 1883. xx, 314 p. illus. 8°. **CP**
Weaving combs, p. 252-254.
16. **Andree, Richard.** Anfänge der Weberei. illus. (Globus. Braunschweig, 1898. Bd. 64, p. 165-166.) **†† KAA**
Interesting picture of weaving apparatus with description.
17. **Are hand-loom superior?** (Textile mercury. Manchester, 1908. v. 39, p. 256.) **† VLA**

18. Art embroidery and carpet making in Japan. (Textile recorder. Manchester, 1891. Oct. 15, 1891, supplement, p. 28-29.)

†† VLA

19. Ashenhurst, Thomas R. A practical treatise on weaving and designing of textile fabrics, with chapters on the principles of construction of the loom, calculations and colour. London: Simpkin, Marshall & Co. [1885,] 392, viii p. 3. ed. illus. 8°. VLD

Historical and gives details of the hand-loom.

20. Axon, William Edward Armytage. A lady traveller two hundred years ago. (Textile recorder. Manchester, 1889. v. 7, p. 160.)

†† VLA

Side-lights on the English textile industry by the Hon. Celia Fiennes.

21. Baden-Powell, Baden Henry. Handbook of the economic products of the Punjab, with a combined index and glossary of technical vernacular words... Roorkee and Lahore, 1868-72. 2 v. illus. 4°. V

See v. 2: cotton (p. 1-2), *khes* (p. 5), carpets (p. 10-11, 26), shawls (p. 33-46), silk (p. 57-62), embroidery (p. 96-100), loom (p. 297-298), mat weaving (p. 303).

Illustration showing shawl loom, opp. p. 35; of ordinary loom, opp. p. 297.

22. Baessler, Arthur. Ancient Peruvian art. Contributions to the archæology of the empire of the Incas from his collections. Translated by A. H. Keane. Leipzig: Karl W. Hiersemann, 1902-03. 4 v. illus. f°. †† HHH

See v. 4, figs. 147-150 for colored plates showing feather work, with descriptive text.

23. Baez, Nicolas. Paraguay: industrial enterprises. (South American journal. London, 1907. v. 63, p. 250-251.)

†† TLA

Brief reference to native workers. Part of the article appears in the *Textile mercury*, v. 37, 1907, p. 348, †VLA.

24. Baines, Edward. History of the cotton manufacture in Great Britain: with a notice of its early history in the East, and in all quarters of the globe; a description of the great mechanical inventions which have caused its unexampled extension in Britain; and a view of the present state of the manufacture... embellished and illustrated with portraits of inventors, drawings of machinery, etc. London: H. Fisher, R. Fisher, and P. Jackson [1835]. 18, (1)10-544 p., 2 maps, 12 pl. 8°. VLLE

Account of spinning and weaving in India. Appendix has an article on mummy cloth by James Thomson. Eighteenth century spinning inventions fully covered. Kay's fly-shuttle, p. 116.

25. Balch, Herbert E. Wookey Hole, its caves and cave dwellers... London: Humphrey Milford, Oxford University Press, 1914. xiii, 268 p. illus. 4°. †QPM

See p. 107-115 for weaving combs, spinning, and tools of the weaver, as well as plates xxi and xxiii. Plate xxii shows a restoration of a cave dwelling with spinning and weaving.

26. Baldwin, William Alpheus. Industrial-social education... Springfield (Mass.): Milton Bradley Co., 1907. 147 p. illus. 8°.

SSM

Chapters on first- and second-grade weaving, hammock making, and sewing.

27. Balfour, Edward. The cyclopedia of India and of eastern & southern Asia, commercial, industrial and scientific... London: Bernard Quaritch, 1885. 3 v. 3. ed. 4°. *R-KCV

See heading: *Weaving*, v. 3.

28. Bancroft, Hubert Howe. The native races. San Francisco: A. L. Bancroft & Co., 1883. 5 v. 8°. HV

See index under headings: Weaving, Spinning, Feathers, Bark, Looms, Spindles, Cloth, etc. Many footnote references.

29. Banerjee, N. N. Monograph on the cotton fabrics of Bengal. Calcutta: Bengal Secretariat Press, 1898. 61, xiv p., 12 pl. 8°. (Bengal.—Land Recorder and Agriculture Department.) VL

Gives Hindu names of fabrics. General descriptions of carding, spinning, sizing, and of the handloom and mode of weaving. 12 double-page plates.

Also in *Journal of Indian art and industry*, London, v. 8, 1900, p. 65-72, †MNE.

30. — Monograph on the woollen fabrics of Bengal. Calcutta: Bengal Secretariat Press, 1899. 37 p. illus. 8°. VLM

Spinning and weaving described in detail.

31. Barber, Robert, and THOMAS BARBER. Engine or machine for heckling, turning, dressing, dividing, spinning, and twisting into threads or wires divers kinds of vegetable, animal and fossil substances, which, by being connected with a weaving loom, and worked by men, horses, cattle, fire, air, or water, may, with uncommon expedition, be applied to working, warping, and weaving various patterns and shapes useful to society. illus. (Specifications for British patent no. 1083 for the year 1774.) *V

"This loom was wonderfully near being a solution of the problem conceived, and had its inventors possessed the persistency of purpose of Dr. Cartwright, there can be little doubt that their success would have been assured, as their device was a much better and more practicable one than the first effort of the clergyman's." — Marsden.

32. Barker, Aldred Farrer. The evolution of the heavy woollen and worsted loom. (Textile recorder. Manchester, 1909. v. 26, p. 361-362, 398-400; v. 27, p. 12, 49.)

†† VLA

33. — Hand spinning *vs.* machine spinning. (Textile recorder. Manchester, 1898. v. 16, p. 225.)

†† VLA

34. — An introduction to the study of textile design. London: Methuen & Co., 1903. xvii, 211 p. illus. 8°. MON

Excellent consideration of the handloom, with good illustrations.

35. Barlow, Alfred. The history and principles of weaving by hand and by power. Reprinted, with considerable additions, from *Engineering*, with a chapter on lace-making machinery, reprinted from the *Journal of the Society of Arts*. London: Sampson Low, Marston, Searle, & Rivington, 1879. xii, 443 p. 2. ed. illus. 4°.

VLD

See especially: Chapter 1, Chronological account of weaving; Chapter 2, Ancient looms; Chapter 3, Warping and beaming; Chapter 4, The common hand loom; Chapter 5, The fly-shuttle, hand-shuttle, drop boxes, etc.; Chapter 6, Twills, satins, double cloth; Chapter 7, Shedding motions for hand looms; Chapter 8, Figured weaving without the aid of automatic machines.

36. Barnett, Madame. Étude technologique d'un tissu péruvien antique. illus. (Société des américanistes de Paris, *Journal*. Paris, 1909. nouv. série, tome 6, p. 265-268.)

† HBA

37. Bartels, Max. Kaukasische Gürtel und Bänder. illus. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. *Verhandlungen*. Berlin, 1898. Jahrg. 1898, p. 329-332.)

QOA (Zeitschrift)

Bound with: *Zeitschrift für Ethnologie*. Bd. 30. Two illustrations.

38. — Über das Weben mit Kartenblättern m Kaukasas. illus. (Berliner Gesellschaft für Anthropologie. *Verhandlungen*. Berlin, 1898. Jahrg. 1898, p. 34-39.)

QOA (Zeitschrift)

Bound with: *Zeitschrift für Ethnologie*. Bd. 30. Picture of loom, p. 36.

39. Bartlett, John Russell. Personal narrative of explorations and incidents in Texas, New Mexico, California, Sonora, and Chihuahua connected with the United States and Mexican Boundary Commission... New York: D. Appleton & Co., 1854. 2 v. 8°.

IW

See v. 2, p. 224-226 for brief account of weaving among the Pima Indians.

40. Basden, George T. Among the Ibos of Nigeria. An account of the curious and interesting habits, customs and beliefs of a little known African people by one who has for many years lived amongst them on close and intimate terms. London: Seeley, Service & Co., Ltd., 1921. 315 p. illus. 8°.

QPE

See p. 178-181.

41. Batchelder, Samuel. Introduction and early progress of the cotton manufacture in the United States. [By Samuel Batchelder.] Boston: Little, Brown & Co., 1863. iv, 108 p. 8°.

VLLE

42. Beatty, K. J. Human leopards, an account of the trials of human leopards before the special commission court; with a note

on Sierra Leone, past and present. London: Hugh Rees, Ltd., 1915. xii, 139 p. illus. 8°.

QPF

Good picture of loom opp. p. 30.

43. Beaumont, Roberts. Carpets: structure, design and manufacture. illus. (Textile recorder. Manchester, 1915-19. v. 33, p. 13-14, 39, 73-74, 107-108, 137-138, 167, 195-196, 226, 261-262, 285, 315-316, 343-344; v. 34, p. 7-8, 38, 66-67, 98-99, 131, 162, 195, 227-228, 260, 292, 325-326, 358-359; v. 35, p. 43-44, 76-77, 147-148, 217-218, 299, 379-380; v. 36, p. 65-66, 125, 176, 204, 260-262, 325-326, 420-421; v. 37, p. 9-10, 174-175, 257.)

†† VLA

See particularly section on pile weaving, Eastern system.

44. — The disabled soldier and industrial employment. (Textile recorder. Manchester, 1919. v. 35, p. 308-309.)

†† VLA

Little of technical interest.

45. — Disabled soldiers and hand-loom practice. (Textile recorder. Manchester, 1919. v. 37, p. 228.)

†† VLA

Little of technical interest.

46. — Woman in the industrial world. illus. (Textile recorder. Manchester, 1918. v. 35, p. 413-414.)

†† VLA

47. Beaumont, W. The history and principles of weaving. (Textile recorder. Manchester, 1887. v. 5, p. 184-185.)

†† VLA

48. Beckmann, John. A history of inventions, discoveries and origins... Translated from the German by William Johnston. 4. ed. rev. & enl. London: Henry G. Bohn, 1846. 2 v. 12°.

V

See v. 2, p. 355-376, for history of knitting of nets and stockings and of the stocking loom; p. 527-533 for history of the ribbon loom.

49. Bel, Alfred, and P. Ricard. Le travail de la laine à Tlemcen. Alger: A. Jourdan, 1913. vi, 359 p., 1 plan. illus. 4°. (Industries indigènes de l'Algérie.)

VLB

This well-illustrated volume shows primitive spinning and weaving methods in Algeria. Chapters on embroidery and cord making.

50. Belfast. — Municipal Art Gallery and Museum. Catalogue of the Horner collection of spinning wheels and accessories. Belfast: W. & G. Baird, Ltd., 1909. 25 p. illus. 8°.

VLB p.v.7, no.4

51. Bell, T. F. Jacquard weaving and designing. London: Longmans, Green, & Co., 1895. vi, 303 p. illus. 8°.

VLD

The first part of the book traces the history of the Jacquard principle as applied to the hand-loom.

52. Benndorf, Otto, and GEORGE NIEMANN. Reisen in Lykien und Karien, ausgeführt im Auftrage des K. K. Ministeriums für Cultus und Unterricht... mit einer Karte von Heinrich Kiepert. Wien: Carl Gerold's Sohn, 1884. 158 p., 49 pl. f°.

†† MTS

See p. 18-19; also plate 7.

53. **Berea College.** Fireside industries. Berea, Ky., n. d. 4 p. illus. 16°.

Vertical file, 121

Catalogue of Ernberg looms.

54. **Bertrand, Alexandre.** La Gaule avant les Gaulois, d'après les monuments et les textes. Paris: Ernest Leroux, 1891. xv, 349 p. 2. ed. illus. 8°. (Nos origines.)

QPN

See p. 174 for pictures of fabrics of the lake-dwellers (Musée de St. Germain).

55. **Best, Elsdon.** The art of the whare pora: notes on the clothing of the ancient Maori, their knowledge of preparing, dyeing and weaving various fibres, together with some account of dress and ornaments ... (New Zealand Institute. Transactions. Wellington, N. Z., 1899. v. 31, p. 625-658.) *EC

56. **Bezon, Jean.** Dictionnaire général des tissus anciens et modernes, ouvrage où sont indiquées et classées toutes les espèces de tissus connues jusqu'à ce jour soit en France, soit à l'étranger, notamment dans l'Indie, la Chine, etc., avec l'explication abrégée des moyens de fabrication et l'entente des matières, nature et apprêt, applicables à chaque tissu en particulier... Lyon: Th. Lepagnez, 1859-67. 2. ed. 8 v. in 4, 8° and atlas, 4°. VL and †VL

This extensive work gives history and descriptions of many old fabrics.

57. **Bickmore, Albert Smith.** Some notes on the Ainos. (Ethnological Society of London. Transactions. London, 1869. v. 7, p. 16-26.) QOA

Weaving briefly described, p. 17-18.

58. **Bieber, Friedrich J.** Reiseeindrücke und wirtschaftliche Beobachtungen aus Gallaland und Kaffa. illus. (Globus. Braunschweig, 1906. Bd. 89, p. 117-122, 133-139.) †† KAA

Picture of a loom, p. 135.

59. **Bird, Isabella Lucy.** Unbeaten tracks in Japan; an account of travels on horseback in the interior, including visits to the aborigines of Yezo and the shrines of Nikkō and Isé. New York: G. P. Putnam's Sons, 1881. 2 v. illus. 8°. BEW

See v. 2, p. 94 for description of loom.

60. **Birdwood, Sir George Christopher Molesworth.** The industrial arts of India. London: Chapman & Hall, Ltd. [1880]. 2 v. in 1. 8°. 3 MNE

See v. 2, p. 67-134: Woven stuffs, lace, fine needlework, carpets, felts and furs. Technical operations not described.

61. **Bishop, James Leander.** A history of American manufactures from 1608 to 1860, exhibiting the origin and growth of the principal mechanic arts and manufactures, from the earliest colonial period to the adoption of the Constitution; and compris-

ing annals of the industry of the United States in machinery... with a notice of the important inventions... Philadelphia: Edward Young & Co., 1864. 2 v. 8°. VK

See v. 1, chapters 14 and 15 for an excellent account of colonial cloth manufacture.

62. **Black, J. S.** Journey round Siam. illus. (Royal geographical journal. London, 1896. v. 8, p. 429-452.) KAA

p. 435, picture of Cambodian weaving.

63. **Blackmore Museum.** Some account of the Blackmore Museum. Devices: H. F. & E. Bull [1868]. v. 238 p. illus. 8°. QPM

Spindle whorls and primitive spinning discussed on p. 156-158.

64. **Blashill, T.** Some illustrations of domestic spinning. illus. (British Archaeological Association. Journal. London, 1898. new series, v. 4, p. 148-158.) CA

Pictures of old wheels and sketches showing details.

65. **Blount, Mrs. Godfrey.** The story of a homespun web. A simple guide to spinning and weaving. London: J. M. Dent & Sons, Ltd., n. d. 30 p. illus. 8°. VLD

Drawings show details of spinning wheel and loom.

66. **Bluemner, Hugo.** Technologie und Terminologie der Gewerbe und Künste bei Griechen und Römer. Leipzig: B. G. Teubner, 1875-87. 4 v. in 2. 8°. V

See v. 3, p. 89-253 for account of ancient spinning, weaving, fulling, felting, and dyeing. Many classical footnote references. Pictures: spindles, p. 119-120; looms, p. 138-139; shuttles, p. 146.

67. **Bolles, Albert Sidney.** Industrial history of the United States, from the earliest settlements to the present time: being a complete survey of American industries... together with Canadian industries. Norwich, Conn.: Henry Bill Publishing Co., 1879. x, 936 p. illus. 8°. TAH

See chapters on: Cotton; Manufacture of wool; Manufacture of cotton; Silk manufacture.

68. **Bowdich, Thomas Edward.** Mission from Cape Coast Castle to Ashantee, with a statistical account of that kingdom, and geographical notices of other parts of the interior of Africa. London: John Murray, 1819. viii, 512 p. illus. 4°. BMK

Brief reference to looms and dyeing, p. 309-311. Illustration no. 9 is a colored sketch of native working loom. It is stated on p. 331 that imported red tafetas are unravelled and rewoven.

69. **Branca, Giovanni.** Le machine; volume nuovo et di molto artificio, da fare effetti maravigliosi, tanto spiritali quanto di animale operatione. Archito di bellissime figure con le dichiarazioni a ciascuno di esse in lingua volgare et latina. Roma: Iacomo Munuci, 1629. 4 p.l., 40, 23 f. illus. 8° in fours. VF (120)

Figure 20 shows a distaff operated by water power.

70. **Braulik, Aug.** Altägyptische Weberei. illus. (Dinglers polytechnisches Journal. Stuttgart, 1899. v. 311, p. 11-14, 29-32, 43-45, 175-180, 189-193.) **VA**
Describes weaves in detail. Loom is considered, p. 175-180.
71. **Braunius, Johannes.** בגדי כהנים id est, Vestibus sacerdotum Hebræorum sive commentarius amplissimus in Exodi cap. xxviii, ac xxix & Levit. cap. xvi, aliaque loca S. Scripturæ quamplurima... Amstelodami: Janssonio-Waesbergius, 1680. 2 v. in 1. illus. 4°. ***PES**
Tunic loom pictured on plate opp. p. 360 has been extensively copied. Brief description in text.
72. **Brigham, William Tufts.** Hawaiian feather work. illus. (Bernice Pauahi Bishop Museum of Polynesian Ethnology and Natural History. Memoirs. Honolulu, 1899-1918. v. 1, no. 1, p. 1-81, no. 5, p. 1-19; v. 7, no. 1, p. 1-69.) **†QPH**
73. — Ka hana kapa; the making of bark-cloth in Hawaii. Honolulu, H. I.: Bishop Museum Press, 1911. iv, 273, iii p., 11., 49 pl. illus. f°. (Bernice Pauahi Bishop Museum of Polynesian Ethnology and Natural History. Memoirs. v. 3.) **†QPH**
Also a portfolio of 25 colored plates.
74. — Mat and basket weaving of the ancient Hawaiians described and compared with the basketry of the other Pacific islanders... With an account of Hawaiian nets and nettings by John F. G. Stokes. Honolulu: Bishop Museum Press, 1906. iv, 162 p., 1 l., 16 pl. f°. (Bernice Pauahi Bishop Museum of Polynesian Ethnology and Natural History. Memoirs. v. 2, no. 1.) **†VNI**
75. **Brinton, Reginald Seymour.** Carpets. London: Sir Isaac Pitman & Sons, Ltd. [1919.] vi, 124 p. illus. 12°. **MOP**
See chapter 4.
76. **British Columbia.** — Provincial Museum, Victoria. Guide to anthropological collection. Victoria: Printed by Richard Wolfenden, 1909. v, 69 p. illus. 8°. **QPH**
Deals with the British Columbia Indians. Short accounts of basketry and mat making. Two blanket designs and picture and description of loom.
77. **Brook, Alexander J. S., and others.** Scottish life. illus. (In: Scottish national memorials, edited by James Paton. Glasgow, 1890. p. 257-344.) **††CP**
See section on spinning, p. 276-279. Has pictures of hand-reel, lint twister, hand card, and a carding comb. Reference to "muckle" and Saxon wheels.
78. **Brown, John Macmillan.** Maori and Polynesian, their origin, history and culture. London: Hutchinson & Co., 1907. xxxi, 300 p. 8°. **QPH**
See chapter 13.
79. **Brown, R. Grant.** The Tamans of the Upper Chindwin, Burma. illus. (Anthropological Institute of Great Britain and Ireland. Journal. London, 1911. v. 41, p. 305-317.) **QOA**
Plate 37: Simple loom without frame, and with warps held taut by belt about weaver's waist.
80. **Brueggemann, Heinrich.** Die Spinnerei, ihre Rohstoffe, Entwicklung und heutige Bedeutung. Leipzig: Otto Spamer, 1899. 112 p. illus. 8°. **VLD**
History of hand and machine spinning.
81. **Brugsch, Heinrich Karl.** Ancient cloths. (Textile mercury. Manchester, 1906. v. 35, p. 85.) **†VLA**
Abstract of article in *Frankfort weekly review* by an official of the Museum of Antiquities at Cairo, Egypt.
82. **Buck, Mertice.** Weaving on old-time looms; history and romance in rugs and tapestries. illus. (Craftsman. New York, 1915. v. 29, Nov.-Dec., 1915, p. 214-216, 224-226, 323-326.) **MNA**
Directions for operating. Picture of modern inexpensive treadle loom occupying less space in a room than a table; also of a small German loom to be used on the end of a table.
83. **Bulleid, Arthur, and H. St. GEORGE GRAY.** The Glastonbury lake village; a full description of the excavations and the relics discovered, 1892-1907... [Glastonbury?] Glastonbury Antiquarian Society, 1911-17. 2 v. f°. **†CDA**
Mr. Gray contributes two well-illustrated chapters: (1) Weaving combs. v. 1, p. 266-299; (2) Spindle whorls, v. 2, p. 582-601. See index under headings: Loom, Looming, Loom-weights. Plates 52-57 are drawings showing details of loom frames.
84. **Burnouf, Eugène.** L'Inde française. Collection de dessins lithographiés représentant les divinités, temples, costumes, physionomies, meubles, armes et ustensiles des peuples hindous... Paris: Chabrelle, 1827-35. 2 v. col'd pl. f°. **††BGS**
See tome 1, livraison 9, plate 5 for weaving and spinning scene.
85. **Buschan, G.** Die Anfänge und Entwicklung der Weberei in der Vorzeit. illus. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Berlin, 1889. Jahrg. 1889, p. 227-244.) **QOA (Zeitschrift)**
Bound with: Zeitschrift für Ethnologie. Bd. 21. Good illustrations of primitive looms.
86. **Buschor, Ernst.** Beiträge zur Geschichte der griechischen Textilkunst. (Die Anfänge und der orientalische Import)... München: Kastner & Callwey, 1912. 50 p. 8°. **VLB p.v.7, no.2**
87. **Butterworth, Benjamin.** The growth of industrial art... Washington: Gov. Prtg. Off., 1892. 200 p. illus. f°. **††V**
Each set of plates shows the development of a particular industry. See index.

88. **Caine, William Sproston.** Picturesque India; a handbook for European travellers ... Illustrations drawn by John Pedder, H. Sheppard Dale, and H. H. Stanton. London and New York: George Routledge & Sons, Ltd. [1898.] xlv, 662 p. illus. 8°.

BGT

See index under the heading *Arts and crafts*. Gold lace apparatus shown on p. 289.

89. **Cambridge Anthropological Expedition to Torres Straits.** Reports. [Edited by A. C. Haddon.] v. 2-6. Cambridge [Eng.]: University Press, 1901-12. 4°.

† **QPH**

Library lacks v. 1. See v. 4, chapter 3 for textiles, consisting chiefly of mats, belts and bands, baskets, handles of baskets and other objects, petticoats, ropes, strings and knots.

90. **Cameron, Verney Lovett.** Across Africa. New York: Harper & Brothers, 1877. 508 p. illus. 8°.

BMW

Brief account of spinning on p. 197.

91. **Campbell, A.** Notes on the state of the arts of cotton spinning, weaving, printing, and dyeing in Nepal. (Asiatic Society of Bengal. Journal. Calcutta, 1836. v. 5, p. 219-227.)

* **OHA**

92. **Captain Cook's journal** during his first voyage round the world made in H. M. bark "Endeavour," 1768-71. A literal transcription of the original mss., with notes and introduction. Edited by Capt. W. J. L. Wharton. London: Elliot Stock, 1893. lvi, 400 p., 2 facsim., 6 maps, 2 pl., 1 port. 4°.

* **R-KBF**

Making of Tahitian bark cloth described on p. 99-100.

93. **Carpet making in Persia.** (Textile recorder. Manchester, 1902. v. 19, p. 258.)

†† **VLA**

Brief description of making Tabreez carpets.

94. **Casati, Gaetano.** Ten years in Equatoria and the return with Emin Pasha... Translated from the original Italian manuscript by the Hon. Mrs. J. Randolph Clay ... London and New York: Frederick Warne & Co., 1891. 2 v. illus. 8°.

BMW

See v. 2, p. 55-56 for brief account of dress made from bark of the *mbugu* or *ficus latia*.

95. **Castel, Albert.** Les tapisseries. Paris: Hachette et Cie, 1876. 316 p. illus. 12°.

MOR

96. **Cavendish, Alfred Edward John.** Korea and the sacred white mountain, being a brief account of a journey in Korea in 1891 ... London: George Philip & Son, 1894. 224 p. illus. 8°.

BEO

Opp. p. 40 is a sketch showing flax spinning; opp. p. 52, an attractive colored plate showing ginning, carding, spinning, and weaving.

97. **Chamberlain, John, and J. H. Quilter.** Knitted fabrics. London: Sir Isaac Pitman & Sons, Ltd. [1919.] x, 145 p. illus. 12°.

VLD

Chapter 1 covers an historical outline.

— See also **Quilter, James Henry, and John Chamberlain.**

98. **Champaux, Alfred de.** Tapestry. London: Chapman & Hall, 1878. vi, 78 p. illus. 8°. (South Kensington Museum art handbook.)

MOR

Introduction has a good description of operations, with picture of low and high warp looms; also of a *savonnerie* loom.

99. **Chantre, Ernest.** Age du bronze. Recherches sur l'origine de la métallurgie en France. Paris: J. Baudry, 1875-76. 3 v. and album. illus. f°.

†† **QPN** and ††† **QPN**

See v. 1, p. 243-245 for brief reference to lake dwellers.

100. **Cheape, William.** A new method of weaving diaper and damask linens for tabling and other purposes: also some kinds of figured silks, cottons, and worsteds, where three or more woof shots are necessary between each draught, without the assistance of drawboys. illus. (British patent specification no. 1237 for the year 1779.)

* **V**

101. **Cheron, Georges.** Les Minianka. Leur civilisation matérielle. illus. (Revue d'ethnographie et de sociologie. Paris, 1913. tome 4, p. 165-186.)

QOA

Little descriptive text, but picture of a warp tightener and a loom.

102. **Chervin, Arthur.** Anthropologie bolivienne. Paris: Imprimerie nationale, 1907-08. 3 v. illus. 4°.

† **QP**

See v. 1, p. 221-224 for brief text and pictures.

103. **China.**—Statistical Department. Silk. Published by order of the Inspector-General of Customs. Shanghai, 1881. v, 163 p. illus. 8°. (II. Special series. no. 3.)

† **VLN**

Contains a brief history of the silk industry in China, with several large colored plates showing details of reeling apparatus and looms.

104. **Chinese rug-making.** (Textile mercury. Manchester, 1908. v. 39, p. 65-66.)

†† **VLA**

Brief reference to kinds produced.

Little of technical interest.

105. **Christie, Emerson Brewer.** The Subanuns of Sindangan Bay. Manila: Bureau of Printing, 1909. 121 p. illus. 8°. (Philippine Islands.—Division of Ethnology. Publications. v. 6, part 1.)

QPH (Philippine)

See p. 42. Loom and sample of cotton blanket are shown in plate xiii.

106. **Chung, Henry.** Korea today. illus. (Asia. New York, 1919. v. 19, p. 467-474.)

† **BBA**

Weaving scene, p. 468.

- 107. Churchill, Sidney John Alexander.** The present state of the carpet industry in Persia. 6 p. illus. (In: Kaiserlich koeniglich oesterreichische Orient- und Uebersee-Gesellschaft, Vienna. Oriental carpets. Vienna, 1892.) †† MOP
- 108. Clark, William Alexander Graham.** Cotton fabrics in British India and the Philippines. Washington: Gov. Prtg. Off., 1907. 117 p. 8°. VLLE p.v.2, no.1
 Issued by the United States Bureau of Manufactures. Describes and comments upon the efficiency of the Indian hand-loom, also as compared to the Japanese loom
- 109. —** Cotton textile trade in Turkish Empire, Greece, and Italy. Washington: Gov. Prtg. Off., 1908. 105 p. 8°. VLLE p.v.2, no.8
 Issued by the United States Bureau of Manufactures. On p. 26 is a brief reference to the looms and products of Damascus. Interesting statement on p. 70-71, 85-86 regarding extensive use of hand-loom in Italy.
- 110. Clarke, Sir Caspar Purdon.** English brocades and figured silks. (Royal Society of Arts. Journal. London, 1892. v. 40, p. 576-588, with discussion.) VA
 Traces the figure loom back to the second century and discusses its introduction into England. Also in *Textile recorder*, Manchester, 1892, May 14, supplement, p. 3-5, June 15, supplement, p. 9.
- 111. Clavigero, Francesco Saverio.** The history of Mexico collected from Spanish and Mexican historians... Translated from the original Italian by Charles Cullen. London: G. G. J. and J. Robinson, 1787. 2 v. 4°. † HTH
 See v. 1, p. 423-426 for descriptions of cloth and materials used.
- 112. Clive-Bayley, Miss.** The revival of hand-loom weaving. (Society of Arts. Journal. London, 1898. v. 46, p. 557-566.) †† VA
 Also in *Textile recorder*, Manchester, v. 16, 1898, p. 185-188, †† VLA.
- 113. Cloth making in Macedonia.** (Textile mercury. Manchester, 1916. v. 54, p. 297-298.) † VHA
 Brief description of weaving and spinning.
- 114. Coco-nut fibre; coir yarn matting, etc.** illus. (Textile mercury. Manchester, 1917. v. 57, p. 49-50, 65, 80, 94, 108, 121, 136, 160-161, 176-177.) † VLA
 Excellent picture of special handloom for this purpose on p. 161.
- 115. Cohen, Marcel.** Documents ethnographiques d'Abyssinie. illus. (Revue d'ethnographie et de sociologie. Paris, 1913. tome 4, p. 129-139.) QOA
 See p. 130-139 for good account of work in cotton, with some excellent pictures, especially of looms opp. p. 138.
- 116. Cole, Alan S.** The arts of tapestry-making and embroidery. illus. (Society of Arts. Journal. London, 1886. v. 34, p. 931-940, 947-959, 963-974.) VA
- 117. —** A descriptive catalogue of the collections of tapestry and embroidery in the South Kensington Museum. London: Eyre & Spottiswoode, 1888. 432 p. 8°. MOR
 See p. 2-7: Tapestry and loom weaving.
- 118. —** Egyptian tapestry. illus. (Society of Arts. Journal. London, 1889. v. 37, p. 787-797, 799-812.) VA
 Cantor lectures.
- 119. —** Ornament in European silks. London: Debenham & Freebody, 1899. xv, 220 p. illus. 4°. MON
 See chapter 3: Materials and processes in weaving silks, embroideries, and tapestries.
- 120. Cole, Henry Hardy.** Catalogue of the objects of Indian art exhibited in the South Kensington Museum. London: George E. Eyre & Wm. Spottiswoode, 1874. x, 352 p. illus. 8°. MNE
 See chapter 5: Textile fabrics.
- 121. Coles, F. R.** On the decoration of Scottish spindles and whorls. illus. (Reliquary and illustrated archaeologist. London, 1889. new series, v. 5, p. 80-87.) CA
- 122. The Complete dictionary of arts and sciences in which the whole circle of human learning is explained and the difficulties attending the acquisition of every art... are removed...** London, 1765-66. 3 v. f°. *AL
 See: Weaving, Woolen manufacture, Stockings, Silk.
- 123. Cook, James, and JAMES KING.** A voyage to the Pacific Ocean... for making discoveries in the Northern Hemisphere... in the years 1776, 1777, 1778, 1779, and 1780. London: H. Hughes, 1785. 3 v. and atlas. 2. ed. illus. 4°. Reserve
 See v. 2, p. 325-326; v. 3, p. 149.
 — See also Captain Cook's journal.
- 124. Cooley, Edith L.** Navajo blankets. illus. (Pratt Institute monthly. Brooklyn, 1901. v. 9, p. 87-90.) SSM
- 125. Cotton from the pod to the factory:** a popular view of the natural and domestic history of the plant, adaptation and improvement of the raw material, with the rise and progress of the cotton factory to its present state of perfection... New York: Homans & Ellis, 1855. iv, 77 p. illus. 16°. VLL
 The chapter on spinning and weaving deals largely with improvements made during the latter part of the eighteenth century.
- 126. Coughtrey, Millen.** Notes on materials found in a kitchen midden at Hillswick, Shetland, with special reference to long-handled combs. illus. (Society of Antiquaries of Scotland. Proceedings. Edinburgh, 1873. v. 9, 1870/72, p. 118-151.) CPA

127. **Cowan, John L.** Bedouins of the Southwest. illus. (Out West. Los Angeles, 1912. new series, v. 3, p. 107-116.)

*DA

Navajo weaving described.

128. **Cox, Arthur F.** North Arcot. New edition revised by Harold A. Stuart. Madras: Government Press, 1894-95. 2 v. 8°. (Madras district manuals.)

BGR

See v. 2, p. 159-161 for brief description of weaving.

129. **Crawford, Morris De Camp.** The cotton of ancient Peru. [Boston, 1916.] 18 p. illus. 8°.

VLB p.v.19, no.8

Repr.: National Association of Cotton Manufacturers. Transactions. v. 100, p. 248-266, VLLA.

Pictures of distaffs, loom, and fabrics.

130. — Design and color in ancient fabrics. Activity of commercial concerns of today in making use of antique patterns found in the temples and tombs of the prehistoric new world and now on exhibition in the American Museum of Natural History. illus. (American Museum journal. New York, 1916. v. 16, p. 417-431.)

PQA

Pictures: Korean, Peruvian, Siberian and Philippine cloths; tapa cloth from Hawaii; and Peruvian weave diagrams.

131. — The loom of the new world. illus. (American Museum journal. New York, 1916. v. 16, p. 381-393.)

PQA

Pictures: Aztec spinning and weaving; Ojibway, Peruvian, and Navajo looms. Ojibway bag loom represents a most primitive type.

132. **Cronau, Rudolf.** Amerika. Die Geschichte seiner Entdeckung von der ältesten bis auf die neueste Zeit... Leipzig: Abel & Müller, 1892. 2 v. 4°.

†HAB

Little in text. v. 1, p. 110, pictures of Peruvian textiles; v. 2, p. 263, picture of a *semi* made from cotton and found in Santo Domingo.

133. **Crooke, William.** Natives of northern India. London: Archibald Constable & Co., Ltd., 1907. xiv, 270 p. illus. 8°. (The native races of the British Empire.)

QPC

See p. 136-138, 166-168. Plate no. 18 shows a loom; plate 23, spinning apparatus.

133a. **Cummings, Byron.** The textile fabrics of the cliff dwellers. illus. (National Association of Cotton Manufacturers. Transactions. Boston, 1915. no. 98, p. 371-377.)

VLLA

134. **Custer, Milo.** The preparation and spinning of flax and wool as practiced by the pioneers of central Illinois and demonstrated by pioneer men and women at meetings of the McLean County Historical Society. Bloomington, Ill., 1912. 7 p. 8°.

VLB p.v.7, no.17

135. **Daniels, George W.** The early English cotton industry with some unpublished letters of Samuel Crompton... Introductory chapter by George Unwin. Manches-

ter: University Press, 1920. xxxi, 214 p. illus. 8°. (University of Manchester. Publications. v. 133.)

VLLA

136. **Danneil, Curt.** Der Uebergang vom Flechten zum Weben nebst einem weiteren Beitrag zur Kenntnis der Weberei in Melanesien. illus. (Internationales Archiv für Ethnographie. Leiden, 1901. Bd. 14, p. 227-238.)

†QOA

Two full-page pictures of looms at back of volume.

137. **Davis, William.** Revival in handloom weaving. illus. (Textile recorder. Manchester, 1917. v. 35, p. 222-223, 264, 342-343, 380-381, 423-424; v. 36, p. 124.)

††VLA

Account of industries in rural districts of Scotland, Ireland and Wales. In v. 36, p. 124, is a detailed account of a modern handloom.

138. — Where "Blighty" cloth is made. illus. (Textile recorder. Manchester, 1918. v. 36, p. 169.)

††VLA

"To meet the difficulty of disabled men operating the usual form of hand-loom, a new loom has been devised, which is, to a certain extent, mechanical, but driven by hand." These looms are installed in the plant of A. & J. MacNab, Ltd., near Edinburgh.

139. **Dawkins, William Boyd.** Early man in Britain and his place in the tertiary period. London: Macmillan & Co., 1880. xxiii, 537 p. illus. 8°.

QPM

Brief references to prehistoric weaving and spinning, p. 275 and 359.

140. **De Booy, Theodor.** The people of the mist. An account of explorations in Venezuela. illus. (University of Pennsylvania. The Museum journal. Philadelphia, 1918. v. 9, p. 183-224.)

*F

Two pictures of looms.

141. **Debray, George.** The Gobelin, Beauvais, and Aubusson tapestries. illus. (Textile recorder. Manchester, 1893. v. 10, p. 271.)

††VLA

Processes briefly described.

142. **Delano, Lilly.** Rugs in the Navajo style. (Textile mercury. Manchester, 1906. v. 35, p. 477-478.)

†VLA

Brief account of manufacture in the Minneapolis School of Fine Arts.

143. **Denys, Frederick Ward.** Our summer in the Vale of Kashmir. Washington: James William Bryan Press [cop. 1915]. 233 p. illus. 8°.

BGR

See chapter 11 on native industries. Picture of rug loom.

144. **Devilliers, Alexander.** Nouveau manuel complet de la soierie... Paris: Roret, 1839. 3 v. including atlas. 16° and obl. 16°.

VLN

* See v. 2, chapter 5: Du tissage uni. Good loom drawings in the atlas.

145. **Dillaway, Theodore Milton.** Textile designs; a historical sketch of their origin and development with suggestions for their use in school work. Springfield, Mass.: Milton Bradley Co. [cop. 1912.] 20 p. illus. 8°.

MON

A brief history of weaving. Book of plates accompanies the volume.

146. **Distinctive American rugs: designed and woven in the homes of country women.** illus. (Craftsman. New York, 1906. v. 10, p. 366-377.) **MNA**

147. **Does, A. M. K. de.** Toestand der nijverheid in de afdeeling Bandjarnegara. illus. (Tijdschrift voor Indische taal-, land- en volkenkunde. Batavia and 's Hage, 1893. Deel 36, p. 1-112.) ***OAA**

Weaving, p. 28-43. Plate 2 at end of paper shows details of apparatus.

148. **Domeny de Rienzi, Grégoire Louis.** Océanie, ou cinquième partie du monde. Revue géographique et ethnographique de la Malaisie, de la Micronésie, de la Polynésie et de la Mélanésie... Paris: Firmin Didot frères, 1836-38. 3 v. illus. 8°. **BH**
v. 2, opp. p. 165, has details of Caroline Island loom. Library also has Italian ed., 1838-43.

149. **Donnell, E. J.** Chronological and statistical history of cotton. New York: James Sutton & Co., 1872. xviii, 650 p. 8°. **VLL**

The main facts of cotton history are arranged in chronological order from 1519-1872. A number of references to inventions.

150. **Draper, William Franklin.** The history of spindles. illus. (New England Cotton Manufacturers' Association. Proceedings. Boston, 1891. no. 50, p. 13-50.) **VLLA**

Opp. p. 48, picture of a Mexican distaff spinster and a weaver.

151. **Dreger, Moriz.** Künstlerische Entwicklung der Weberei und Stickerei innerhalb des europäischen Kulturkreises von den spätantiken Zeit bis zum Beginne des XIX. Jahrhunderts, mit Ausschluss der Volkskunst. Wien: K. K. Hof- und Staatsdruckerei, 1904. 3 v. illus. 4°. **MON**

1 volume of text; 2 volumes of plates. Chiefly historical from the art side. Two pictures of looms in v. 1 of plates.

152. **Ducouso, Gaston.** L'industrie de la soie en Syrie et au Liban. Paris: Augustin Challamel, 1913. v, 239 p. illus. 8°. **VLNE**

Discusses horizontal and vertical looms of the ancients. Describes and pictures a Syrian loom.

153. **Duhamel du Monceau, Henri Louis.** Art de la draperie, principalement pour ce qui regarde les draps fins. Paris, 1765. 150 p. illus. f°. (Académie royale des sciences. Description des arts et métiers. v. 6.) **††VBA**

Plates show details of spinning and weaving.

154. — **Art de faire les tapis façon de Turquie, connus sous le nom de tapis de la savonnerie.** Paris, 1766. 25 p. illus. f°. (Académie royale des sciences. Description des arts et métiers. v. 50.) **††VBA**

Full description and, excellent illustrations.

155. **Dulles, John Welsh.** Life in India; or, Madras, the Neilgherries, and Calcutta.

Philadelphia: American Sunday-School Union [1855]. 528 p. illus. 12°. **BGS**

See p. 235-236 and accompanying cut of loom.

156. **The Dun Emer industries in Ireland:** a successful example of the revival of handicrafts in a farming community. (Craftsman. New York, 1908. v. 14, p. 112-114.) **MNA**

157. **Dundas, George.** New method of spinning of jersey by a new and useful engine, machine, or instrument then not before known or used in the Dominion of His said Majesty. illus. (British patent specification no. 1288 for the year 1781.) ***V**

158. **Dunn, Eliza.** Rugs in their native land. New York: Dodd, Mead & Co., 1910. vi, 155 p. illus. 8°. **MOP**

Brief description of weaving.

159. **Earle, Alice Morse.** Home life in colonial days... illustrated by photographs, gathered by the author of real things, works and happenings of olden times. New York: The Macmillan Company, 1917. 470 p. illus. 8°. **IF**

See chapters 8-10, covering flax, wool, and hand weaving. Excellent illustrations.

160. **East India Company.** Reports and documents connected with the proceedings of the East-India Company in regard to the culture and manufacture of cotton-wool, raw silk, and indigo, in India. London: East India Co., 1836. v. p., 2 pl., 1 table. 8°. **VLB**

In the section on raw silk are accounts of the experiments with *ghyes*, or furnaces, invented by the residents of Radnagore and Soonamooky for spinning purposes.

161. **Ebers, Georg.** Cicerone durch das alte und neue Aegypten. Ein Lese- und Handbuch für Freunde des Nillandes. Stuttgart and Leipzig: Deutsche Verlags-Anstalt, 1886. 2 v. in 1. illus. 8°. ***OBM**

Picture of ancient Egyptian loom, v. 2, p. 150.

162. **Edge-Partington, James.** An album of the weapons, tools, ornaments, articles of dress of the natives of the Pacific islands drawn and described from examples in public and private collections in England. Manchester, 1890-95. 3 v. illus. obl. 8°. **QPH**

163. **Educational value of the textile museum with special reference to the Musée de commerce at Lyons.** illus. (Textile recorder. Manchester, 1920. v. 37, p. 463-464.) **††VLA**

164. **Ellis, George Washington.** Negro culture in West Africa... Introduction by Frederick Starr. New York: The Neale Publishing Company, 1914. 290 p. illus. 8°. **QPF**

Has pictures of woven products and a *Vai* weaving machine. No technical details.

165. **Ellis, William.** Polynesian researches. New York: J. & J. Harper, 1833. 3 v. illus. 8°. **BH**

See v. 1, p. 145-152 for excellent account of making bark cloth and matting.

166. **Ellison, Thomas.** The cotton trade of Great Britain, including a history of the Liverpool cotton market and of the Liverpool Cotton Brokers' Association. London: Effingham Wilson, 1886. x, 355 p. 8°. **VLL E**

See chapter 2: The era of invention.

167. **Emmons, George Thornton.** The Chilkat blanket... with notes on the blanket designs, by Frank Boas. illus. (American Museum of Natural History. Memoirs. [New York,] 1907. v. 3, p. 327-401.) **†† PQA**

Spinning and weaving described. Excellent reproductions of designs.

168. **Encyclopédie, ou dictionnaire des sciences, des arts, et des métiers, par une Société de gens de lettres, mis en ordre et publié par MM. Diderot et D'Alembert.** Paris, Neufchastel, & Amsterdam, 1751-80. 35 v. f°. **††* AP**

This remarkable set has detailed plates of various textile operations, as: weaving, savonnerie, gobelins, silk manufacture, ribbons, and passanterie.

169. **Ephraim, Hugo.** Ueber die Entwicklung der Webtechnik und ihre Verbreitung ausserhalb Europas; eine ethnographische Studie. Leipzig: Karl W. Hiersemann, 1905. vi p., 1 l., 72 p., 1 map. f°. (Museum für Völkerkunde zu Leipzig. Mitteilungen. Bd. 1, Heft 1.) **† QOA**

Admirable arrangement, fifty-five illustrations (mostly of looms), and copious bibliographies stamp this as one of the most satisfactory works on primitive weaving.

170. **Erdland, August.** Die Marshall-Insulaner, Leben und Sitte, Sinn und Religion eines Südsee-Volkes. Münster i. W.: Aschendorffsche Verlagsbuchhandlung, 1914. viii, 376 p. illus. 8°. **QPH**

See p. 23-28 and plate 7.

171. **Erman, Adolf.** Life in ancient Egypt ... Translated by H. M. Tirard. London: Macmillan & Co., 1894. xii, 570 p. illus. 8°. *** OBK**

Pictures after Lepsius and Wilkinson. Brief text.

172. **Ernst, A.** Ethnographische Mittheilungen aus Venezuela. illus. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Jahrg. 1886, p. 514-545.) **QOA (Zeitschrift)**

Bound with: Zeitschrift für Ethnologie. Bd. 18. For weaving and spinning see p. 527-536.

173. **Erskine, Ralph.** The handicraftsmen of the Blue Ridge; a simple, home-loving folk who have lived their own lives, heedless of the march of events. illus. (Craftsman. New York, 1907. v. 13, Nov., 1907, p. 158-167.) **MNA**

174. **Evans, Sir John.** The ancient stone implements, weapons and ornaments of Great Britain. London: Longmans, Green, & Co., 1897. xviii, 747 p. 2. ed. rev. illus. 4°. **QPM**

See chapter 20: Spindle-whorls, discs, slickstones, weights, and cups.

175. **Ewbank, Thomas.** Contributions towards a history of the useful arts— weaving and spinning. illus. (Franklin Institute. Journal. Philadelphia, 1849. 8°. v. 47, p. 133-137.) **VA (117)**

Largely a translation of a chapter in Zonca's *Novo teatro di machine*, 1607, in which a water-driven spinning jenny is described and illustrated.

176. **Eylmann, Erhard.** Die Eingeborenen der Kolonie Südastralien. Berlin: Dietrich Reimer, 1908. 28, 494 p., 18 l., 1 map, 36 pl., 1 table. illus. 4°. **† QPH**

See p. 380-385: Spinnen, Weben und Flechten; also plates 2.

177. **Falcot, P.** Traité encyclopédique et méthodique de la fabrication des tissus... Elbeuf: P. Falcot, 1844. 2 v. illus. 4°. **VLB**

Details of special looms.

178. **Farabee, William Curtis.** The Amazon expedition of the University Museum. illus. (University of Pennsylvania. The Museum journal. Philadelphia, 1917. v. 8, p. 61-82, 126-144.) *** F**

Picture of native woman spinning, p. 60.

179. — The central Arawaks. Philadelphia: The University Museum, 1918. 288 p., 1 map, 36 pl. 4°. (University of Pennsylvania.—The University Museum. Anthropological publications. v. 9.) **† QOA**

The Arawaks inhabit northern Brazil and southern British Guiana. See p. 26-30 for spinning and weaving; also plates 6-7, 25-30, 33.

180. **Fay, Samuel.** Carpet-weaving and the Lowell Manufacturing Company. (Old Residents' Historical Association. Lowell, Mass., 1879. v. 1, p. 52-61.) **IQH**

"The use of hand looms by the Company was continued until 1846; only a few, however, were worked after the introduction of the power loom."

181. **Fee, William T.** Cotton weaving in India. Hand-loom still popular. (Textile mercury. Manchester, 1906. v. 35, p. 110-111.) **† VLA**

Abstract of United States consular report.

182. **Feldhaus, Franz Maria.** Leonardo, der Techniker und Erfinder. Jena: Eugen Diederichs, 1913. 166 p. illus. 8°. **V**

See p. 156 and 158 for Leonardo's sketches of spinning, rope, and cloth cutting machines.

Felkin, R. W., joint author. See **Wilson, Charles Thomas,** and **R. W. FELKIN.**

183. **Fewkes, Jesse Walter.** The aborigines of Porto Rico and neighboring islands. illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1907. no. 25, 1903/04, p. 3-296.) †HBB

p. 212-214: Basketry and textiles of the Antilles. Illustration shows *semi* made of cotton cloth.

184. — Archeological expedition to Arizona in 1895. illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1898. no. 17, 1895/6, part 2, p. 519-742.) †HBB

Brief reference to use of cotton among the Hopi Indians.

185. — Casa Grande, Arizona. (United States.—Bureau of Ethnology. Annual report. Washington, 1912. no. 28, 1906/07, p. 136-137.) †HBB

Pictures of spinning whorls on p. 137.

Fiennes, Celia. See **Ajón, William Edward** Armytage.

186. **Fient, G.** Hemd und Hosa. Kulturskizze in Prättigauer Mundart. illus. (Schweizerisches Archiv für Volkskunde. Zürich, 1902. Jahrg. 6, Heft 2, p. 81-92.) ZBA

Chiefly spinning of linen and wool. Picture of loom, p. 88.

187. **Finsch, Otto.** Ethnologische Erfahrungen und Belegstücke aus der Südsee... Wien: Alfred Holder, 1893. 675 p. illus. 4°. QPH

See p. [111, 279, 334, 412, 472, 516, 581]. Sample designs shown in Tafel 4.

188. **Fischer, Adolf.** Die Selungs im Merqui-Archipel in Südbirma, sowie über die südlichen Shanstaaten. illus. (Zeitschrift für Ethnologie. Berlin, 1903. Jahrg. 1903, p. 966-992.) QOA

Fig. 14, p. 990, shows a woman spinning.

189. **Fischer, H. W.** Weberei auf Nias. (Internationales Archiv für Ethnographie. Leiden, 1912. Bd. 20, p. 250-254.) †† QOA

Brief description.

190. **Fletcher, Alice Cunningham, and F. LA FLESCHÉ.** The Omaha tribe. illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1911. no. 27, 1905/06, p. 17-654.) †HBB

p. 347-348: weaving, with illustrations of bead necklaces. Woven bags: figures 114-116, 118, 120, 121.

191. **Fletcher, Fred V.** The American carpet industry. (The Chautauquan. Meadville, Pa., 1899. v. 29, p. 11-15.) *DA

Good historical account.

192. **Fox, Thomas W.** The mechanism of weaving. London: Macmillan & Co., Ltd., 1900. xxii, 512 p. 2. ed. illus. 8°. VLD

Brief descriptions of Egyptian, Greek, and Hindu healds.

193. **Fox-Pitt-Rivers, Augustus Henry Lane.** Excavations in Cranborne Chase, near Rushmore, on the borders of Dorset and Wilts. [1880-1896.] [London:] Privately printed [by Harrison & Sons], 1887-98. 4 v. illus. f°. †QPM

There is a separate index volume (1905) by H. St. G. Gray, which see under the heading *Spindle-whorls* (†QPM).

194. **France.** — Commission des Monuments d'Égypte. Description de l'Égypte, ou Recueil des observations et des recherches qui ont été faites en Égypte pendant l'expédition de l'armée française. État moderne. Paris, 1809-13. 2 v. in 3. f°. ††* OBM and †††* OBM

Unusually interesting plates in Atlas, v. 2, plates 13-15. Descriptions in text, v. 2, part 1, appendix.

195. **Franke, Otto,** translator. Kêng tschi t'u. Ackerbau und Seidengewinnung in China; ein kaiserliches Lehr- und Mahnbuch. Aus dem Chinesischen übersetzt und mit Erklärungen versehen von O. Franke. Hamburg: L. Friederichsen & Co., 1913. vi p., 2 l., (1)4-194 p., 3 facsim., 94 pl. illus. 4°. †EYA

Facsimile, history, and translation of this famous work begun in the twelfth century. Remarkable plates.

196. **Fraser, Donald.** Winning a native people. Sixteen years' work among the warlike tribe of the Ngoni and the Senga and Tumbuka peoples of central Asia... London: Seeley, Service & Co., Ltd., 1914. 320 p. illus. 8°. QPE

Picture of loom opp. p. 302.

197. **Frobenius, Leo.** Der Ursprung der afrikanischen Kultur. Berlin: Gebrüder Borntraeger, 1898. xxxi, 368 p. illus. 8°. BAP

p. 286, picture of arm band woven with shells, p. 237, basket weaves. Tafel 9, photograph of textile printing.

198. **Fuelleborn, Friedrich.** Das deutsche Njassa- und Ruwuma-Gebiet, Land und Leute, nebst Bemerkungen über die Schire-Länder... Berlin: D. Reimer, 1906. 1 v. and atlas. 4° and f°. (Deutsch-Ost-Afrika. Bd. 9.)

BLV and †† BLV (Deutsch)

See text, p. 511 and atlas, café 102, for spinning and horizontal loom.

199. **G., J.** The Lyons Industrial Museum. (Textile mercury. Manchester, 1906. v. 34, p. 454-455.) †† VLA

Reprint of article in the *Glasgow herald* briefly surveying textiles and looms on exhibition.

200. **Gallieni's** Erforschungs-Expedition nach dem obern Niger. illus. (Globus. Braunschweig, 1883. Bd. 44, p. 129-135.) †KAA

Pictures of weaving and spinning.

201. **Gand, Édouard.** Cours de tissage en soixante-quinze leçons. Trois années d'étude professé à la Société industrielle d'Amiens. Paris: J. Baudry, 1876. 2 v. illus. 8°. **VLD**

Handloom weaving described in detail. Good plates.

202. **Garzoni, Tommaso.** Piazza Universale: das ist Allgemeiner Schawplatz, Marckt und Zusammenkunfft aller Professionen, Künsten, Geschäften, Händeln und Handt-Wercken... Franckfurt am Mayn: M. Merian, 1641. 14 p.l., 1084 p., 7 l., 1 map. sq. 8°. **VNB (120)**

See p. 565 for engraving of loom.

203. **General Gorgas** watching maimed soldiers weaving rugs. illus. (Carpet and upholstery trade review. New York, 1918. Sept. 15, p. 49.) **MOFB**

Illustration only.

204. **Gennep, Arnold van.** Brettchenweberei oder Flechtere (Kaukasus, Algerien). illus. (Zeitschrift für Ethnologie. Berlin, 1912. Jahrg. 44, p. 624-626.) **QOA**

205. — Études d'ethnographie algérienne... illus. (Revue d'ethnographie et de sociologie. Paris, 1911. 4°. tome 2, p. 265-346; tome 3, p. 1-21.) **QOA**

See chapitre 4, Le tissage aux cartons, describing Algerian ribbon making. Author claims that this weave is practically that of the *Brettchenweberei* of Iceland and other Scandinavian countries.

206. — Neues über Brettchenweberei. illus. (Zeitschrift für Ethnologie. Berlin, 1912. Jahrg. 44, p. 60-63.) **QOA**

Briefly refers to this type in Poland, Caucasus, and Algeria.

207. — Note sur le tissage aux cartons en Chine. illus. (T'Oung Pao. Leide, 1912. v. 13, p. 693-698.) ***OSA**

208. — Notes d'ethnographie persane. illus. (Revue d'ethnographie et de sociologie. Paris, 1913. tome 4, p. 73-89.) **QOA**

Picture of horizontal rug loom on p. 81.

209. **Gennep, Arnold van, and GUSTAVE JÉQUIER.** Le tissage aux cartons et son utilisation décorative dans l'Égypte ancienne. Neuchâtel: Delachaux & Niestlé, 1916. illus. 4°. **†MON**

See p. 70-71 for picture and description of loom. Beautifully illustrated and has several woven samples.

210. **Gennes, de.** A new engine to make linen cloth without the help of an artificer, presented to the Royal Academy, by Monsieur de Gennes, an officer belonging to the sea. Extracted out of the Journal de savans. illus. (Royal Society of London. Philosophical transactions. London, 1678. no. 140, p. 1007-1009.) ***EC**

Description and excellent drawing of an early shuttle-throwing device.

211. **Gerspach, Édouard.** La manufacture nationale des Gobelins. Paris: Ch. Delagrave, 1892. 271 p. illus. 8°. **MOR**

See chapter 5.

212. **Gilroy, Clinton G.** The art of weaving, by hand and by power, with an account of its rise and progress in ancient and modern times. For the use of manufacturers and others. New York: George L. Baldwin, 1844. 574 p. illus. 8°. **VLD**

Descriptions of apparatus are unusually complete.

213. — The history of silk, cotton, linen, wool, and other fibrous substances; including observations on spinning, dyeing and weaving. Also an account of the pastoral life of the ancients... with appendices on Pliny's natural history; on the origin and manufacture of linen and cotton paper; on felting, netting, etc... New York: Harper & Brothers, 1845. xxii, 464 p., 1 map, 3 pl. 8°. **VL**

Library has two copies of this excellent work chiefly devoted to ancient history.

214. **Girschner, Max.** Die Karolineninsel Námöluk und ihre Bewohner. illus. (Baessler-Archiv. Leipzig and Berlin, 1912. Bd. 2, p. 123-215.) **††QOA**

Description and diagram of loom, p. 158.

215. **Gmelin, L.** Peruanische Altertümer. illus. (Kunst und Handwerk. München, 1906-07. Jahrg. 57, p. 257-277, 294-303.) **†MNA**

Pictures of fabrics but little concerning processes of weaving and spinning.

216. **Goddard, Pliny Earle.** Indians of the Southwest. New York: American Museum of Natural History, 1913. 191 p. illus. 8°. (Handbook series. no. 2.) **HBC**

See index under Spindles, Weaving, Looms.

217. — Navajo blankets. illus. (American Museum journal. New York, 1910. v. 10, p. 201-211.) **PQA**

Weaving briefly described.

218. **Goetze, A.** Brettchenweberei im Altertum. illus. (Zeitschrift für Ethnologie. Berlin, 1908. Jahrg. 40, p. 481-500.) **QOA**

Pictures of cloth, a model loom, and implements. Has a list of exhibits in the Königliche Museum für Volkskunde, Berlin.

219. **Goguet, de.** The origin of laws, arts, and sciences, and their progress among the ancient nations. Translated from the French... Edinburgh: Alexander Donaldson & John Reid, 1761. 3 v. illus. 8°. **BAP**

See chapters on *Clothing, Dyeing*.

220. **Gomes, Edwin Herbert.** Seventeen years among the Sea Dyaks of Borneo. A record of intimate association with the natives of the Bornean jungles... Philadelphia: J. B. Lippincott Co., 1911. xx, 343 p. illus. 8°. **BFM**

See illustrations opp. p. 52 and 128.

221. Gorges, Mary. The weaving of "Turkey" carpets in Donegal. (Chambers's journal. London, 1900. series 6, v. 3, p. 741-743.) *DA

Also in *Current literature*, New York, v. 30, 1901. p. 354-355, *DA.

222. Gouldsbury, Cullen, and HUBERT SHEANE. The great plateau of northern Rhodesia, being impressions of the Tanganyika plateau... London: Edward Arnold, 1911. xxii, 360 p. illus. 8°. QPE

Plate opp. p. 286 shows spinning and weaving.

223. Gracey, Samuel L. A primitive Chinese loom. illus. (Textile recorder. Manchester, 1893. v. 10, p. 305.) †† VLA
Good illustration.

Gray, H. St. George, joint author. See Bulleid, Arthur, and H. ST. GEORGE GRAY.

224. Great Britain. — Commissioners of Patents. Patents for invention. Abridgments of the specifications relating to spinning, including those relating to the preparation of fibrous materials, and the doubling of yarns and threads. London: George E. Eyre & Wm. Spottiswoode, 1866-68. 2 parts in 3 v. 8°. *V

Patents date from 1664. History of spinning in the introduction. Several of the early patents have drawings, which may be obtained in Room 121.

225. — Patents for inventions. Abridgments of specifications relating to weaving. London: George E. Eyre & Wm. Spottiswoode, 1861-71. 2 v. 8°. *V

Patents date from 1620. Introduction covers a good history of weaving among the ancients; also an account of De Gennes' fly-shuttle. Several of the early patents have drawings, which may be obtained in Room 121.

226. Great Britain. — Science Museum, London. Catalogue of the collections in the Science Museum, South Kensington with descriptive and historical notes and illustrations. London: H. M. Stationery Office, 1921. 75 p. illus. 8°.

VKE p.v.15, no.3

Descriptions of exhibits; various kinds of looms and spinning devices.

227. Greenwell, William. British barrows; a record of the examination of sepulchral mounds in various parts of England... Oxford: Clarendon Press, 1877. 2 p.l., (i) vi-xi, 763 p. illus. 8°. QPM

See index under headings: Cloth, Spindle-whorls, Spinning.

228. Gregg, Josiah. Commerce of the prairies; or, The journal of a Sante Fé trader, during eight expeditions across the great western prairies, and a residence of nearly nine years in northern Mexico. New York: Henry G. Langley, 1844. 2 v. illus. 12°. IW

Brief reference to Navajo blankets, v. 1, p. 209-210.

229. Grierson, Sir George Abraham. Bihar peasant life, being a discursive cata-

logue of the surroundings of the people of that province... prepared under orders of the government of Bengal. Calcutta: The Bengal Secretariat Press, 1885. 431, clv p. illus. 8°. BGR

Illustrated details of spinning wheel and loom. The loom picture is especially good. These sections of the book were reprinted in 1918 in a privately printed booklet entitled *Contrasts* and issued by the Acadia Mills, Lawrence, Mass., VLE.

230. Griffitt, John Robert G. Turkey carpets and their manufacture. London: Cardinal & Harford [1884]. 22 p. illus. obl. 12°. MOP

Brief.

231. Grinnell, George Bird. The story of the Indian. New York: D. Appleton & Co., 1895. xi, 270 p. illus. 8°. (The story of the West series.) HBC

Brief reference to blankets, p. 155. Picture of Navajo loom, opp. p. 254.

232. Grothe, Hermann. Die Construction der Webstühle, die Fachbildung und die Eintraggeräthe beim Weben im Alterthum. Eine technologisch-wissenschaftliche Studie. illus. (Verein zur Beförderung des Gewerbflusses. Verhandlungen. Berlin, 1883. Jahrg. 62, p. 227-266.) VA

Unusually complete article.

Guernsey, S. J., joint author. See Kidder, Alfred Vincent, and S. J. GUERNSEY.

233. Guest, Richard. A compendious history of the cotton manufacture; with a disapproval of the claim of Sir Richard Arkwright to the invention of its ingenious machinery. Manchester: Joseph Pratt, 1823. 70, 3 p. illus. 4°. † VLE

Illustrations show distaff spinning, peg warping, carding, roving, details of hand-loom, warping mill, High's jenny, the improved jenny, the water-frame, and mule.

234. Haberlandt, Arthur. Volkskunst der Balkanländer in ihren Grundlagen. Wien: Anton Schroll & Co., 1919. 78 p. illus. 4°. † MNE

Section on textiles has several excellent sketches of looms.

235. Haddon, Alfred Cort. The textile patterns of the Sea-Dayaks. (British Association for the Advancement of Science. Report of seventieth meeting, Bradford, 1900. London, 1900. p. 901.) *EC

Brief description of warp dyeing.

236. Haeblerlin. Flechten und Weben auf Föhr und den Halligen. illus. (Globus. Braunschweig, 1907. Bd. 91, p. 330-332.) † KAA

Braid-work and band loom, p. 330.

237. Haebler, Ruth. Die geflochtenen Hängematten der Naturvölker Südamerikas. illus. (Zeitschrift für Ethnologie. Berlin, 1919. Jahrg. 51, p. 3-18.) QOA

- 238. Hall, Eliza Calvert.** A book of hand-woven coverlets. Boston: Little, Brown & Co., 1912. xiii, 279 p. illus. 8°. **MON**
Largely historical. See chapter 6: The professional weaver.
- 239. Hall, Richard.** Observations made by Richard Hall... on the methods used in Holland, in cultivating or raising of hemp and flax. And likewise, his remarks on Mr. Slator's book. Dublin: Printed by G. Grierson, 1724. 1 p.l., 93(1) p. illus. 12°. **VKE p.v.12, no.3**
Brief description of spinning, p. 88-90.
- 240. Hambruch, Paul.** Nauru. Hamburg: L. Friederichsen, 1914-15. 2 v. illus. 4°. (Hamburgische wissenschaftliche Stiftung. Ergebnisse der Südsee-Expedition, 1908-10. II. Ethnographie: B. Mikronesien.) **†QPH**
Principally concerned with mat work, of which there are many excellent illustrations.
- 241. Hamilton, Augustus.** The art workmanship of the Maori race in New Zealand: a series of illustrations from specially taken photographs, with descriptive notes and essays on the canoes, habitations, weapons, ornaments, and dress of the Maoris... Dunedin: Board of Governors, 1896. 438 p. illus. 4°. **†MAD**
Pictures of matting and cloaks. Processes not described in great detail.
- 242. Hammett, J. L., Company.** Catalogue of looms and weaving materials. Cambridge, Mass.: The Company, 1921. 12 p. 8°. **Vert. File 121**
- 243. —** Looms, weaving supplies. Cambridge, Mass.: The Company [1921?]. 19 p. illus. 12°. **Vert. File 121**
- 244. A Hand-loom.** illus. (Manual training magazine. Chicago, 1901. v. 2, p. 247.) **SSM**
Good illustration of a hand-loom invented by Mrs. M. P. Todd of Minneapolis.
- 245. The Handloom and moist air.** (Textile recorder. Manchester, 1906. v. 23, p. 308-309.) **††VLA**
From the *Indian textile journal*.
- 246. Handloom weavers in the history of co-operation.** A pioneer Dublin society. (Textile mercury. Manchester, 1914. v. 51, p. 46.) **†VLA**
- 247. Handloom weaving: Education in Ceylon.** (Textile mercury. Manchester, 1915. v. 52, p. 220-221.) **†VLA**
Brief reference to course at school in Rajagiriya.
- 248. Hand-loom weaving in India.** illus. (Textile recorder. Manchester, 1919. v. 37, p. 3-4.) **††VLA**
Social and economic conditions. Little of technical interest.
- 249. Hand-loom weaving in Madras.** (Textile recorder. Manchester, 1920. v. 38, p. 87-88.) **††VLA**
Conditions of the industry discussed.
- 250. Handloom weaving in southern India.** (Textile mercury. Manchester, 1907. v. 37, p. 245.) **†VLA**
Abstract of a report on the Salem weaving factory, started with the idea of increasing the product of native weavers.
- 251. Handloom weaving on Yorkshire hills.** (Textile mercury. Manchester, 1912. v. 46, p. 41-42.) **†VLA**
More concerned with the weavers than with technical details.
- 252. Hand-loom for China.** (Textile mercury. Manchester, 1908. v. 39, p. 322.) **†VLA**
Introduction of more rapid Japanese looms.
- 253. Hand-loom in India.** (Textile mercury. Manchester, 1912. v. 46, p. 38-39.) **†VLA**
Abstract of a report by Mr. W. T. Pomfret.
- 254. Hand-made Filipino fabrics.** (Current literature. New York, 1901. v. 30, p. 355.) ***DA**
From a correspondent of the Boston *Transcript*. Brief reference to fibres used but no technical details.
- 255. Harmer, Althea.** Textile industries. illus. (The Elementary school record. Chicago, 1900. v. 1, p. 71-81.) **SSA**
Suggested course for children.
- 256. Hartmann, Carl Friedrich Alexander, and C. H. Schmidt.** Praktisches Handbuch des Woll-Manufacturwesens, oder Darstellung der Naturgeschichte und Zucht der Schafe, der Gewinnung, Vorbereitung, Verspinnung und Verarbeitung seiner Wolle zu Tuch und zu kammwollenen Zeugen. Weimar: Bernhard Friedrich Voigt, 1842. 2 v. 8° and 12°. **VLMD**
See text, p. 162 *et seq.* and drawings in the atlas for loom details.
- 257. Hasselt, A. L. van.** Ethnographische Atlas van Midden-Sumatra, met verklarenden tekst. Leiden: E. J. Brill, 1881. 2 p.l., 63 p., 128 pl. 4°. (Midden-Sumatra. Reizen en onderzoekingen der Sumatra-expeditie... 1877-1879... van Prof. P. J. Veth. deel 3, gedeelte 1, afdeeling 2.) **PQN (Midden)**
See plates 113-115. Descriptions, p. 53-55.
- 258. Havard, Henry.** La tapisserie. Paris: Librairie Charles Delagrave, n. d. 3 p.l., (1) 4-198 p., 11. illus. 8°. **MOR**
At head of title: Les arts d'ameublement.
Processes well explained. Some good pictures, especially one showing a detailed drawing of a low warp loom.
- 259. Havell, Ernest Binfield.** Art, ethics and economics in handloom weaving. (East and West. Bombay, 1907. v. 6, p. 759-776.) ***DA**
Little of technical interest.
- 260. —** Power-loom mills vs. hand looms. (Textile recorder. Manchester, 1906. v. 24, p. 22-23.) **††VLA**

261. **Hawley**, Walter Augustus. Oriental rugs, antique and modern. New York: John Lane Co., 1913. xi, 320 p. illus. 4°.

†MOP

Weaving described in chapter 5, with good diagram showing section of loom.

262. **Hawtrey**, Seymour H. C. The Lengua Indians of the Paraguayan Chaco. (Anthropological Institute of Great Britain and Ireland. Journal. London, 1901. v. 31, p. 280-299.)

QOA

Brief description of weaving, p. 284.

263. **Heatwole**, Cornelius Jacob. Hand weaving in Rockingham county. (In: John W. Wayland, A history of Rockingham county, Virginia. Dayton, Va., 1912. p. 380-386.)

ITD

Good description of weaving in colonial days.

264. **Heiden**, Max. Die Textilkunst des Altertums bis zur Neuzeit. Eine Übersicht ihrer technischen und stilgeschichtlichen Entwicklung. Berlin: Berliner Central-Verlag, 1909. xvi p., 480 col. illus. 4°.

†MON

265. **Herter**, Albert. The Aubusson looms; where American tapestries are designed and woven by an American artist. illus. (Craftsman. New York, 1909. v. 16, May, 1909, p. 226-231.)

MNA

266. **Heyne**, Moriz. Körperpflege und Kleidung bei den Deutschen von den ältesten geschichtlichen Zeiten bis zum 16. Jahrhundert. Leipzig: S. Hirzel, 1903. 373 p. illus. 8°. (Fünf Bücher deutscher Hausaltertümer. Bd. 3.)

EAS

Gives the derivation of many textile terms, including dyeing. Little of technical interest.

267. **Hicks**, Amy Mali. The craft of hand-made rugs. New York: McBride, Nast & Co., 1914. 9 p.l., 15-250 p., 17 pl. 8°.

MOP

268. History and manufacture of floor coverings. New York: Review Publishing Co., 1899. 98 p. illus. 8°.

MOP

269. **Hitchcock**, Romyn. The Ainos of Yezo, Japan. illus. (United States National Museum. Report. Washington, 1891. 1890, p. 429-502.)

*EA

Plate 104, mat loom. Figure 82, cloth loom.

270. **Hodson**, T. C. The Meitheis, with an introduction by Sir Charles J. Lyall. London: David Nutt, 1908. xvii, 227 p. illus. 8°.

BGR

Interesting picture of loom opp. p. 27.

271. — The Naga tribes of Manipur. London: Macmillan & Co., Ltd., 1911. xiii, 212 p. illus. 8°.

QPC

Brief description of loom.

272. **Hoffman**, Walter James. The Menomini Indians. illus. (United States. — Bureau of Ethnology. Annual report. Washington, 1896. no. 14, 1892/3, p. 3-328.)

†HBB

See p. 264-272 for weaving, beadwork, and matting.

273. **Hoffmann, Huber & Co.** Ulrich, de Gaspar, Vonwillwer — St. Gall. 1759-1892. Hoffmann, Huber & Co., successors. Geschichte eines St. Gallischen Geschäftshauses, 1759-1892. Ein Rückblick, Einsiedeln: Benziger & Co., 1893. 72 p., 1 facsim., 22 pl., 1 port., 1 table. obl. 8°.

†VLLE

Text in English and German. Plate 1 shows different stages in linen manufacture; plate 10, a handloom for fine muslin.

274. **Hollister**, Uriah S. The Navajo and his blanket. Denver: The author, cop. 1903. 144 p. illus. 8°.

HBC

275. **Holmes**, William Henry. Aboriginal pottery of the eastern United States. illus. (United States. — Bureau of Ethnology. Annual report. Washington, 1903. no. 20, 1898/9, p. 1-201.)

†HBB

p. 67-80: Use of textiles in modelling and embellishing. See headings: *Textiles, Baskets, Cords, and Net* in index.

276. — Illustrated catalogue of a portion of the collections made by the Bureau of Ethnology during the field season of 1881. illus. (United States. — Bureau of Ethnology. Annual report. Washington, 1884. no. 3, 1881/2, p. 477-510.)

†HBB

p. 473 for pictures of plaited sandals from caves in the vicinity of Mammoth Cave, Ky.

277. — Prehistoric textile art of the eastern United States. illus. (United States. — Bureau of Ethnology. Annual report. Washington, 1896. no. 13, 1891/2, p. 9-46.)

†HBB

Many footnote citations.

278. — Prehistoric textile fabrics of the United States, derived from impressions on pottery. illus. (United States. — Bureau of Ethnology. Annual report. Washington, 1884. no. 3, 1881/2, p. 397-425.)

†HBB

"The perfect manner in which the fabric in all its details of plaiting, netting, and weaving, can be brought out is a matter of astonishment; the cloth itself would hardly make all the particulars of its construction more manifest." — p. 397.

279. — Textile art in its relation to the development of form and ornament. illus. (United States. — Bureau of Ethnology. Annual report. Washington, 1888. no. 6, 1884/5, p. 195-252.)

†HBB

Good illustrations of primitive basketry and Peruvian textiles. Feather embroidery, p. 231.

280. — Textile fabrics of ancient Peru. Washington: Gov. Prtg. Off., 1889. 17 p. illus. 8°. (United States. — Bureau of Ethnology.)

VLB p.v.6, no.1

281. **Holt**, Rosa Belle. Rugs, Oriental and Occidental, antique and modern. A handbook for ready reference. Chicago: A. C. McClurg & Co., 1901. 167 p. illus. 4°.

†MOP

Chapter 1: History and details of rug weaving. Good pictures of looms at back of volume.

282. Holtzer, E. Spinning in Persia. illus. (Reliquary and illustrated archæologist. London, 1889. v. 5, p. 46-48.) **CA**

Good illustration with brief text.

283. Hoogewerf, H. Hand-loom weaving in India. (Textile recorder. Manchester, 1910. v. 27, p. 348-349, 382-383.) **†† VLA**

284. Hooper, Luther. Hand-loom weaving, plain & ornamental; with line drawings by the author & Noel Rooke, also colotype illustrations from ancient and modern textiles. London: John Hogg, 1910. xxii, 336 p. illus. 8°. **VLD**

"The object of the present volume is to inform the student of hand-loom weaving of the best methods of preparing warps, fitting up looms, and making or selecting the various appliances...as well as inventing, planning, and weaving plain and ornamental webs."

285. — The loom and spindle: past, present and future. illus. (Royal Society of Arts. Journal. London, 1912. v. 60, p. 947-959, 965-978, 986-998.) **VA**

Cantor lectures: (1) Prehistoric, ancient, and modern; (2) Spinning mechanism and the loom for automatic weaving, plain and ornamental; (3) The modern loom for plain and ornamental weaving and its future development.

Reprinted, with better plates, in *Annual report of the Smithsonian Institution for 1914*, p. 629-678, *E.A.

286. — Silk, its production and manufacture. London and New York: Sir Isaac Pitman & Sons, Ltd. [1915.] viii, 126 p. illus. 12°. **VLNE**

Emphasizes early weaving methods, with good pictures.

287. — The technique of Greek and Roman weaving. illus. (Burlington magazine. London, 1911. v. 18, p. 276-284.) **† MAA**

288. — Weaving for beginners, with plain directions for making a hand loom, mounting it and starting the work. London: Sir Isaac Pitman & Sons, Ltd. [1919.] viii, 114 p. illus. 8°. **VLD**

289. Horner, John. The evolution of the flax spinning spindle. illus. (Institution of Mechanical Engineers. Proceedings. London, 1912. 1912, p. 685-706.) **VFA**

290. — The linen trade of Europe during the spinning-wheel period. Belfast: M'Caw, Stevenson & Orr, Ltd., 1920. xiv, 591 p. illus. 8°. **VLOE**

A notable feature of this work is the large number of cuts illustrating spinning-wheels which the author has placed in the Belfast Municipal Museum.

291. Horniman Museum and Library. A handbook to the cases illustrating stages in the evolution of the domestic arts. Part 2: Basketry, pottery, spinning and weaving, etc. London: The London County Council [1910]. 54 p. illus. 12°. *F

Historical, with a good bibliography.

292. Hose, Charles, and WILLIAM McDougall. The pagan tribes of Borneo; a description of their physical, moral and intellectual condition with some discussion of their ethnic relations... London: Macmillan & Co., Ltd., 1912. 2 v. illus. 8°.

QPH

See p. 220-223; also excellent plates showing bark cloth making, looms, and fabrics.

293. How neckwear silks are made. illus. (Textile recorder. Manchester, 1892. v. 10, supp. to June 15th, p. 7-8.) **†† VLA**

Operations shown on handloom.

294. Howay, Frederick William. The dog's hair blankets of the Coast Salish. (Washington historical quarterly. Seattle, 1918. v. 9, p. 83-92.) **IAA**

295. Howson, W. R. Persian carpets. (Textile mercury. Manchester, 1908. v. 39, p. 413-414.) **† VLA**

296. Hubner, J. Ancient Egyptian & modern fabrics. (Textile mercury. Manchester, 1909. v. 41, p. 129-130.) **† VLA**

297. Humphries, Sydney. Oriental carpets, runners and rugs and some Jacquard reproductions. London: Adam & Charles Black, 1910. xii, 427 p. illus. 4°. **† MOP**

See index for many references of interest.

298. Hunter, George Leland. Decorative textiles: an illustrated book on coverings for furniture, walls and floors, including damasks, brocades and velvets, tapestries, laces, embroideries, chintzes, cretonnes, drapery and furniture trimmings, wall papers, carpets and rugs... Philadelphia: J. B. Lippincott Co., 1908. xxii, 458 p. illus. 4°. **† MQN**

Traces development of the loom and explains various weaves. Richly illustrated.

299. — Tapestries; their origin, history and renaissance. New York: John Lane Co., 1912. 438 p. illus. 8°. **MOR**

Chapter 8 has some excellent pictures showing manufacture.

300. Hunter, John Dunn. Memoirs of a captivity among the Indians of North America, from childhood to the age of nineteen... London: Longman, Hurst, Rees, Orme, Brown, & Green, 1823. 2 p.l., (i)iv-ix p., 1 l., (1)4-447 p., 1 port. 8°. **HBC**

p. 289-290, weaving of buffalo hair briefly described.

301. Huston, Jay C. Rug industry of north China. An interesting report on the history and present condition of the industry. (Carpet and upholstery trade review. New York, 1918. v. 49, Aug. 1, p. 42-44; Aug. 15, p. 45-47; Sept. 15, p. 52-53.)

† MOFB

302. **Hutter, Franz.** *Wanderungen und Forschungen im Nord-Hinterland von Kamerun.* Braunschweig: Friedrich Vieweg und Sohn, 1902. xiii, 578 p. illus. map in pocket. 4°. **BMN**

Brief references to basketry, weaving, needle-work, etc., p. 382, 408-410.

303. **Im Thurn, Sir Everard Ferdinand.** *Among the Indians of Guiana, being sketches chiefly anthropologic, from the interior of British Guiana.* London: Kegan Paul, Trench & Co., 1883. xvi, 445 p. illus. 8°. **HBC**

See p. 278-292 for basketry, spinning, hammock-making, and weaving.

304. **Improved ribbon loom.** illus. (Society for the Encouragement of Arts, Manufactures, and Commerce. Transactions. London, 1823. v. 40, p. 195-217.) **VA**

Account of loom invented by J. Thompson for weaving silk ribbons, with plates showing details.

305. **Improvement in the silk-weaver's draw-boy.** illus. (Society for the Encouragement of Arts, Manufactures, and Commerce. Transactions. London, 1823. v. 40, p. 181-194.) **VA**

Account of mechanism invented by E. Richards, with double-page drawing of details.

306. **The Indian carpet industry.** (Textile mercury. Manchester, 1914. v. 51, p. 315-316.) **† VLA**

Brief description of loom and operation.

307. **Irish handloom linen industry.** (Textile mercury. Manchester, 1906. v. 35, p. 404-405.) **† VLA**

Reasons for decay of the industry.

308. **Irish handloom weavers and the war.** (Textile mercury. Manchester, 1915. v. 53, p. 47.) **† VLA**

309. **Iyer, Anantha Krishna.** *The Cochin tribes and castes.* Madras: Published by the Government of Cochin by Higginbotham & Co., 1909-12. 2 v. illus. 8°. **QPC**

See plates opp. p. 369, 371 and 380.

310. **James, George Wharton.** *Indian blankets.* illus. (Outing. New York, 1901-02. v. 39, p. 684-693.) **MVA**

311. — *Indian blankets and their makers.* Chicago: A. C. McClurg & Co., 1914. xvi, 213 p. illus. 8°. **MOP**

Navajo weaving is described in chapter 13.

312. — *The Indians of the Painted Desert region.* Boston: Little, Brown & Co., 1903. xxi, 268 p. illus. 8°. **HBC**

p. 54, Hopi Indian weaving a native ceremonial kilt.

313. — *The Navajo Indian blanket.* illus. (Overland monthly. San Francisco, 1915. v. 65, p. 268-283.) *** DA**

314. **James, John.** *History of the worsted manufacture in England, from the earliest times: with introductory notices of the manufacture among the ancient nations, and during the middle ages.* London: Longman, Brown, Green, Longmans, and Roberts, 1857. xvi, 640, 40 p., 8 pl. 8°. **VL**

Alpaca and mohair are considered in chapter 11. Chapter 14 describes worsted processes, with an interesting history of the combing machine. Opposite page 13 are views of ancient spinning and weaving.

315. **Jannasch, R.** *Die Textilindustrie bei den Ur- und Naturvölkern.* (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Berlin, 1888. Jahrg. 1888, p. 85-94.) **QOA (Zeitschrift)**

Bound with: *Zeitschrift für Ethnologie.* Bd. 20. General article.

316. **Jasper, J. E., and M. PIRNGADIE.** *De inlandsche kunstnijverheid in Nederlandsch Indië...* 's-Gravenhage: Boek- & Kunst-drukkerij v/h Mouton & Co., 1912-16. 3 v. illus. f°. **† MNE**

[v. 1.] *Het vlechtwerk.* [v. 2.] *De weefkunst.* [v. 3.] *De batikunst.*

Complete exposition of the basketry, matting, spinning, weaving, and *batik* industries of the Dutch East Indies. Rich in photographs and diagrams of apparatus. The colored design plates are unusually attractive.

317. **Jenks, Albert Ernest.** *The Bontoc Igorot.* Manila: Bureau of Public Printing, 1905. 266 p. illus. 4°. (Philippine ethnological publications. no. 1.) **QPH (Philippine)**

Brief reference, p. 114. See plates 83 (spinning); 84 (loom).

318. **Jessup, Anne, and ANNIE E. LOGUE.** *The handicraft book, comprising methods of teaching cord and raffia constructive work, weaving, basketry and chair caning in graded schools.* New York: A. S. Barnes Co., 1912. 128 p. illus. 8°. **MNH**

319. **Johnston, Sir Harry Hamilton.** *Liberia... with an appendix on the flora of Liberia by Dr. Otto Stapf.* London: Hutchinson & Co., 1906. 2 v. illus. 8°. *** R - BMI**

See v. 2, p. 1012-1024, with good pictures.

320. **Joly, A.** *L'industrie à Tétouan. H: Les industries textiles et celles du vêtement.* illus. (Archives marocaines. Paris, 1909. v. 15, p. 80-154.) **BKG**

Describes weaving, passementerie, cord, and mat making, as well as embroidery upon leather and fabrics.

Jullien, C. E., joint author. See **Lorentz, E., and C. E. JULLIEN.**

321. **Juynboll, Hendrick Herman.** *Catalogus van 's Rijks Ethnographisch Mu-*

seum. Borneo. Leiden: E. J. Brill, 1909-10. 2 v. illus. 4°. **QOA**

See v. 2, p. 46-48 for picture and brief details of loom.

322. Kaindl, Raimund Friedrich. Haus und Hof bei den Huzulen. illus. (Anthropologische Gesellschaft in Wien. Mittheilungen. Wien, 1896. Bd. 26, p. 147-185.) **QOA**

Figure 367, loom; fig. 396, woman spinning.

322a. Kaiserlich koeniglich Oesterreichische Orient- und Uebersee-Gesellschaft, Vienna. Oriental carpets. Published by the Imperial and Royal Austrian Commercial Museum... English edition, edited by C. Purdon Clarke. Vienna [London: Cousins & Co., prtrs.,] 1892-[96]. 2 v. illus. f°. **†† MOP**

323. Kandt, Richard. Gewerbe in Ruanda. illus. (Zeitschrift für Ethnologie. Berlin, 1904. Jahrg. 36, p. 329-372.) **QOA**

Illustrations show mats, curtains, baskets, etc., also weave diagrams.

324. Kashmir cloth, shawls & embroidery. (Textile mercury. Manchester, 1914. v. 50, p. 21.) **† VLA**

Brief description of manufacture from U. S. consular report by H. D. Baker.

325. Keller, Ferdinand. The lake dwellings of Switzerland and other parts of Europe. 2. ed., greatly enlarged. Translated and arranged by John Edward Lee. London: Longmans, Green, & Co., 1878. 2 v. 4°. **BAP**

v. 1. Text. v. 2. Plates.

See v. 1, p. 505-517 for an account of looms. v. 2, plate 41, fig. 9 shows a bone shuttle. Plates 134-138 show various weaves.

326. Kendal weavers and weaving. (Household words. London, 1852. v. 4, p. 183-189.) *** DA**

Describes carpet manufacture at Kendal, England.

327. Kendrick, Albert Frank. Catalogue of tapestries. London: H. M. Stationery Office, 1914. 104 p. illus. sq. 8°. (Victoria and Albert Museum.—Department of Textiles.) **MOR**

Plate 2 shows model of tapestry loom made by William Morris.

327a. Kidder, Alfred Vincent, and S. J. GUERNSEY. Archeological explorations in northeastern Arizona. Washington: Gov. Prtg. Off., 1919. 228 p., 97 pl. e. 98, pl. on 50 l. 8°. (United States.—Bureau of American Ethnology. Bulletin. no. 65.) **HBB**

Excellent illustrations of basketry, sandal weaves, matting, cords, and fabrics. See p. 108-118, 157-160, 167-175.

328. Kimakowicz-Winnicki, M. von. Spinn- und Webwerkzeuge. Entwicklung und Anwendung in vorgeschichtlicher Zeit Europas. Würzburg: Curt Kabitsch, 1910. 70 p. illus. 8°. (Darstellungen über früh- und vorgeschichtliche Kultur, Kunst und Völkerentwicklung. Heft 2.) **QPL**

Emphasizes the Siebenbürgen regions of south-eastern Europe. 107 excellent illustrations of early spindles and looms. Many footnote references.

329. Kindt, Jules. Industrie linière. Fabrication des fils et toiles de lin. Bruxelles: Société pour l'émancipation intellectuelle, n. d. 86 p. 12°. **VLO**

Chapter 11 gives description of loom, with drawing.

330. Kingsley, Mary Henrietta. Travels in West Africa. Congo Français, Corisco and Cameroons. London: Macmillan & Co., 1897. xvi, 743 p. illus. 8°. **BMB**

See p. 734-736 for a story current among the West African tribes concerning the invention of the loom. There is a good picture of a loom on p. 735.

331. Kinzer, Heinrich. Technologie der Handweberei. Ein Lehr- und Lernbehelf für Webeschulen, gewerbliche und höhere technische Schulen, sowie zum Selbstunterrichte für Webereibeflissene... Teil 2: Die Jacquardweberei. Leipzig: B. G. Teubner, n. d. iv, 121 p. 4. ed. illus. 8°. **VLD**

Complete account of the Jacquard machine, with reference to its forerunners.

332. Kissell, Mary Lois. Aboriginal American weaving. illus. (National Association of Cotton Manufacturers. Transactions. Boston, 1910. no. 88, p. 195-211.) **VLLA**

Good illustrations showing North American Indian looms and specimens of work. Fig. 14, a Mexican belt loom.

Also in *Textile recorder*, v. 28, 1910, p. 12-14, 111.

333. — Yarn and cloth making. An economic study. A college and normal text preliminary to fabric study and a reference for teachers of industrial history and art in secondary and elementary schools. New York: The Macmillan Co., 1918. xiv, 252 p. illus. 8°. **VLB**

Traces the development of spinning and weaving from the primitive stage to the machine. 89 illustrations and excellent bibliographies.

334. Klose, Heinrich. Industrie und Gewerbe in Togo. (Globus. Braunschweig, 1904. Bd. 85, p. 69-73.) **†† KAA**

335. — Togo unter deutscher Flagge... Berlin: Dietrich Reimer, 1899. xxii, 561 p. illus. 4°. **BMN**

Opp. p. 152, full-page view of loom.

336. Kohl, Friedrich. Geschichte der Jacquard-Maschine und der sich ihr anschließenden Abänderungen und Verbesserungen nebst der Biographie Jacquard's... Berlin: Nicolaische Verlags-Buchhandlung, 1872. 197 p. illus. 4°. †VLD

337. Korean grass cloth. (Textile mercury. Manchester, 1909. v. 40, p. 403.) †VLA

338. Koul, Anand. The Kashmir carpet industry. (East and West. Bombay, 1915. v. 14, p. 895-904.) *DA

Process described on p. 897.

339. Krause, Aurel. Die Tlinkit-Indianer. Ergebnisse einer Reise nach der Nordwestküste von Amerika und der Beringstrasse... Jena: Hermann Costenoble, 1885. xvi, 420 p. illus. 8°. HBC
See p. 199-201.

340. Krause, Fritz. Zur Ethnographie der Insel Nissan. illus. (Städtisches Museum für Völkerkunde zu Leipzig. Jahrbuch. Leipzig, 1907. Bd. 1, 1906, p. 44-159.) QOA (Museum)

For basket making, weaving and needlework see p. 139-143.

341. Kuhn. Art weaving among the ancients. (Penn monthly. Philadelphia, 1878. v. 9, p. 110-119, 303-310.) *DA

German original is in *Zeitschrift des Kunst-Gewerbe Vereins in München*. Munich, 1877, Jahrg. 1877, p. 49-55, 68-72, †MNA.

342. Lacomblé, L. Noorweegsche Weefsel. illus. (Het huis oud & nieuw. Amsterdam, 1910. Jaarg. 8, p. 403-418.) MLA
Description, diagrams, and picture of Norwegian loom.

La Flesche, F., joint author. See Fletcher, Alice Cunningham, and F. LA FLESCHÉ.

343. Lallemand, Charles. Tunis et ses environs. Texte et dessins d'après nature... Paris: Maison Quantin, 1890. 245 p. illus. 4°. †BKP

This work is beautifully illustrated in colors. p. 112, picture of loom; p. 192, women reeling silk.

344. Lamoitier, Paul. Traité théorique et pratique de tissage à l'usage des fabricants, compositeurs, dessinateurs, metteurs en cartes, contre-maitres, ouvriers et des écoles professionnelles de tissage. Paris: Ch. Béranger, 1900. xii, 573 p. illus. 8°. VLD

See p. 155-194: Le métier à la main.

345. Landor, Arthur Henry Savage. Across coveted lands; or, A journey from Flushing (Holland) to Calcutta, overland. London: Macmillan & Co., Ltd., 1902. illus. 2 v. 8°. BBF

See index under headings: *Carpets, Weaving*. Good picture of Persian spinning wheels and looms opp. p. 366.

346. — Alone with the hairy Ainu; or, 3800 miles on a pack saddle in Yezo and a cruise to the Kurile islands. London: John Murray, 1893. xvi, 325 p. illus. 8°. BEY

Brief description of loom, p. 209-211. "The thread used for manufacturing the cloth is made of the inner fibre of the *Ulmus campestris* bark."

347. — In the forbidden land; an account of a journey into Tibet, capture by the Tibetan lamas and soldiers, imprisonment, torture and ultimate release brought about by Dr. Wilson and the political Peshkar Karak Sing-Pal... New York: Harper & Brothers, 1899. 2 v. illus. 8°. BDS

p. 48-49, brief description and picture of a Shoka loom.

348. — Tibet and Nepal painted and described... London: A. & C. Black, 1905. x, 233 p. illus. 8°. BDS

Colored plate opp. p. 124 shows loom.

349. Langley, Edward Archer. Narrative of a residence at the court of Meer Ali Moorad; with wild sports in the valley of the Indus. London: Hurst & Blackett, 1860. 2 v. illus. 8°. BGS

Brief description of weaving of silk and cotton in Sindh.

350. Lansdell, Henry. Russian Central Asia, including Kuldja, Bokhara, Khiva and Merv. London: Sampson Low, Marston, Searle & Rivington, 1885. 2 v. illus. 8°. BDC

Gives native names and brief descriptions of Tajik cloths.

351. Laver, Henry. The loom in Britain during the bronze age. illus. (Essex Archaeological Society. Transactions. Colchester, 1910. new series, v. 11, p. 219-222.) CO (Essex)

Briefly presents the evidence.

352. Le Coq, Albert von. Die Abdal. illus. (Baessler-Archiv. Leipzig and Berlin, 1912. Bd. 2, p. 221-234.) ††QOA

Pictures of spindles, p. 229.

353. Lehmann, J. Systematik und geographische Verbreitung der Geflechtsarten... mit einem Anhang: Die hauptsächlichsten Arten von Knoten. Leipzig: B. G. Teubner, 1907. 1 p.l., iii-iv, 34 p., 1 pl. illus. f°. (Königliches zoologisches und anthropologisch-ethnographisches Museum zu Dresden. Abhandlungen und Berichte. Bd. 11, No. 3.) †QGA

Has a table showing the weaves of a large number of the Pacific islands.

354. Lehmann-Filhes, Margarete. Über Brettchenweberei. illus. (Verein für Volkskunde. Zeitschrift. Berlin, 1899. Jahrg. 9, p. 24-33.) YAA

Describes the making of small napkins in Scandinavian countries, with picture of loom.

355. **Lemke, Elisabeth.** *Tartarische Teppich-Weberei.* illus. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Berlin, 1901. 8°. Jahrg. 1901, p. 76-77.)

QOA (Zeitschrift)

Bound with: *Zeitschrift für Ethnologie.* Bd. 33. Sketches of looms and weaves.

356. **Lepsius, Karl Richard, editor.** *Denkmaeler aus Aegypten und Aethiopien, nach den Zeichnungen der in 1842-1845 ausgeführten wissenschaftlichen Expedition.* Berlin: Nicolaische Buchhandlung, 1859-60. 12 v. f°. **+++ OBKG**

See Abtheilung 2, plate 126 for picture of loom. This is reproduced in *Erman's Life in ancient Egypt.*

357. **Letherman, Jonathan.** Sketch of the Navajo tribe of Indians, territory of New Mexico. (Smithsonian Institution. Annual report, Board of Regents. Washington, 1856. no. 10, 1855, p. 283-297.) *** EA**

Little of technical interest.

358. **Lewis, George Griffin.** *The practical book of Oriental rugs.* Philadelphia: J. B. Lippincott Co., 1911. 360 p. illus. 8°. **MOP**

Brief chapter on weaving.

359. **Lindenschmit, Ludwig.** *Handbuch der deutschen Alterthumskunde. Übersicht der Denkmale und Gräberfunde frühgeschichtlicher und vorgeschichtlicher Zeit.* Erster Theil: Die Alterthümer der Merovingischen Zeit. Braunschweig: Friedrich Vieweg und Sohn, 1880. xii, 514 p. illus. 8°. **OPT**

See p. 415 for picture of loom and other weaving apparatus.

360. **Lindner, Georg.** *Spinnerei und Weberei.* Karlsruhe und Leipzig: Fr. Gutsch [1913]. vi, 264 p. illus. obl. 8°. **VLD**

Deals chiefly with modern machinery. There is, however, a good detailed description of a hand spinning-wheel.

361. **Linnaeus, Parolus.** *Lachesis Lapponica; or, A tour in Lapland,* now published from the original manuscript journal of the celebrated Linnaeus, by James Edward Smith. London: White and Cochran, 1811. 2 v. 8°. **Stuart 12469**

See v. 1, p. 33 and v. 2, p. 59 and 65 for paragraphs relating to thread made from reindeer sinews, also cord from spruce roots.

362. **Lipson, Ephraim.** *The history of the woollen and worsted industries.* London: A. & C. Black, Ltd., 1921. x, 273 p. illus. 8°. **VLMD**

The chapter on processes and inventions gives an excellent account of hand spinning and weaving operations in England and Scotland, with biographies of inventors.

363. **Lissauer, A.** *The Kabyles of North Africa.* illus. (Smithsonian Institution. Annual report. Washington, 1912. 1911, p. 523-538.) *** EA**

Plate 11b, woman spinning.

364. **Livingstone, David.** *Missionary travels and researches in South Africa, including a sketch of sixteen years' residence in the interior of Africa, and a journey from the Cape of Good Hope to Loanda...* New York: Harper & Bros., 1868. xxiv, 755 p. 25. ed. illus. 8°. **BND**

Brief reference to spinning and weaving in central Africa, p. 433-434.

365. **Loeber, J. A., jr.** *Been-, hoorn- en schildpadbewerking en het vlechtwerk in Nederlandsch-Indië.* Amsterdam: Uitgave van het Instituut, 1916. 71 p., 21 pl. 8°. (Geïllustreerde beschrijvingen van Indische kunstnijverheid. no. 7.) **MNH**

Illustrations show designs only.

Logue, Annie E., joint author. See *Jesup, Anne, and ANNIE E. LOGUE.*

366. **Lorentz, E., and C. E. JULLIEN.** *Nouveau manuel complet de tisserand; description des procédés et machines employés pour les divers tissages, des matières organiques filamenteuses; suivi d'une histoire de la filature et du tissage depuis les temps les plus reculés jusqu'à nos jours.* Paris: Roret, 1844. 216 p. illus. 16°. **VLD**

Hand and machine weaving. Excellent historical outline.

367. **Luther, Jessie.** *The labor museum at Hull House.* illus. (The commons. Chicago, 1902. v. 7, no. 70, p. 1-13.) **SGV**

Description and illustrations of the textile exhibit.

368. **Lyons, France.** — *Chambre de Commerce. La mission lyonnaise d'exploration commerciale en Chine, 1895-1897.* Lyon: A. Rey et Cie, 1898. xxxvi, 386, 473 p. illus. 4°. **† TLH**

Brief descriptions of cotton and silk working, with double-page picture of a large loom (partie 2, p. 344-345).

369. **Maass, Alfred.** *Durch Zentral-Sumatra.* Berlin: Wilh. Süsserott, 1910-12. 2 v. illus. 4°. **BFP**

See Bd. 1, p. 61-66 for description of loom and full details of construction.

370. **Macadam, J., jr.** *Irish flax manufactures.* (Journal of design and manufactures. London, 1850-51. v. 4, p. 97-102, 133-136, 164-169.) **MON**

McDougall, William, joint author. See *Hose, Charles, and WILLIAM McDUGALL.*

371. **Macgowan, Daniel J.** *Chinese and Aztec plumagery.* (American journal of science and arts. New Haven, 1854. series 2, v. 18, p. 57-61, 156.) **OA**

Also in *Journal of the Society of Arts*, London, 1854, v. 3, p. 93-94, *VA*.

McGowan, Ellen Beers. *See Woolman*, Mary Schenck, and ELLEN B. MCGOWAN.

372. McGowan, Ellen Beers, and CHARLOTTE A. WAITE. *Textiles and clothing*. New York: The Macmillan Company, 1919. ix, 268 p. illus. 12°. **VLB**

Designed to show high school students "that the fundamental principles of primitive times are unchanged in the highly developed and complicated machinery of today." Essentials of mechanism are clearly explained. Chapters on the testing of textiles and on the care, repair, economics and hygiene of clothing. Reading list and glossary.

373. Machan, J. *The weaver & warper's assistant, on a plan entirely new, adapted to the present state of the cotton manufacture. Showing the principles of raised and flowered work, with an easy method of mounting and drawing webs to any pattern*. Glasgow: Napier & Khull, 1800. 72 p. illus. 16°. **VLD**

Calculations and tables.

374. Macleod, Campbell. *The Acadians of Louisiana still living and weaving as they did centuries ago before their exile from Canada*. illus. (Craftsman. New York, 1906. v. 11, Dec., 1906, p. 332-342.) **MNA**

375. Macleod, Olive. *Chiefs and cities of central Africa. Across Lake Chad by way of British, French, and German territories*. Edinburgh and London: William Blackwood & Sons, 1912. xiv, 322 p. illus. 8°. **QPE**

See plates opp. p. 120 and 122.

376. MacMaster, Frederic. *African bark cloth. (Textile mercury*. Manchester, 1906. v. 35, p. 443.) **† VLA**

Abstract of U. S. consular report.

377. MacRitchie, David. *The Ainos*. Leiden: P. W. M. Trap, 1892. xiv, 69 p., 1 l., 19 pl. f°. (Internationales Archiv für Ethnographie. Bd. 4, Supplement.) **† QOA (Internationales)**

Quaint colored plates, of which see especially plates 9 and 17 for looms.

378. Man, Edward Horace. *On the aboriginal inhabitants of the Andaman islands*. illus. (Anthropological Institute of Great Britain and Ireland. Journal. London, 1883. v. 12, p. 69-175, 327-434.) **QOA**

See p. 382-385 for basketry, string, etc.

379. Manchester, H. H. *The story of silk & Cheney silks*. South Manchester, Conn., and New York [cop. 1916]. 63 p. illus. 8°. **VLN**

380. Mansfeld, Alfred. *Urwald-Dokumente. Vier Jahre unter den Crossfluss-negern Kameruns*. Berlin: Dietrich Reimer, 1908. xvi, 310 p. illus. 8°. **QPE**

See p. 109-112 for mat designs and picture of a loom.

381. The Manufacture of Turkey carpets. illus. (Textile recorder: Manchester, 1886. v. 3, p. 274-276.) **†† VLA**

382. Marquardt, Joachim. *Das Privatleben der Römer*. Leipzig: S. Hirzel, 1879. xii, 858 p. illus. 8°. (Marquardt & Mommsen: Handbuch der römischen Alterthümer. Bd. 7.) **BWE**

See p. 500 *et seq.* Library has also the French edition of 1892-93 (see v. 2, p. 153 *et seq.*).

383. Marsden, Richard. *Cotton spinning; its development, principles, and practice*. London: George Bell & Sons, 1891. xvi, 361 p. 4. ed. illus. 8°. **VLLE**

See chapter 7: The development of spinning.

384. — *Cotton weaving; its development, principles, and practice*. London: George Bell & Sons, 1895. xxiv, 533 p. illus. 8°. **VLLE**

Chapter 2 is an excellent history of the hand-loom. Chapter 3 traces early efforts toward the power-loom.

385. Martin, John. *An account of the natives of the Tonga islands in the South Pacific ocean with an original grammar and vocabulary of their language compiled and arranged from the extensive communications of Mr. William Mariner*. London: John Murray, 1817. 2 v. illus. 8°. **QPH**

See p. 288-295 for manufacture of *gnatoo*, somewhat similar to cotton, but not woven; also of mats and baskets.

386. Maskell, William. *The industrial arts. Historical sketches with numerous illustrations*. London: Chapman & Hall [1876]. xiv, 276 p. illus. 8°. **3-MNC**

See chapter on textiles. Copy of engraving from fifteenth century manuscript showing spinning and weaving; Hindu woman reeling silk from a wheel; sixteenth century loom.

387. Mason, Otis Tufton. *Aboriginal American basketry: studies in textile art without machinery*. illus. (United States National Museum. Report. Washington, 1904. 1902, p. 171-548.) *** EA**

Plate 122, Chippewa loom for weaving bark mats.

388. — *The origins of invention: a study of industry among primitive peoples*. London: Walter Scott, Ltd., 1895. 419 p. illus. 8°. *** R-OAI**

See chapter 7 on the textile industries. Illustration of Zuni woman weaving blanket, opp. p. 244. Largely devoted to basketry.

389. — *A primitive frame for weaving narrow fabrics*. illus. (United States National Museum. Report. Washington, 1901. 1899, p. 487-510.) *** EA**

Old American, Algonquin, Pueblo, Zuni, Finnish, German and Italian heddles in the National Museum. Article is reprinted in *Scientific American supplement*, v. 51, May 18, 1901, p. 21222-21225, *V.A.*

390. — *Übereinstimmung einer amerikanischen und einer finnischen Webvorrichtung*. illus. (Globus. Braunschweig, 1896. Bd. 69, p. 12-14.) **†† KAA**

Pictures of Mexican and Finnish weaving frames.

391. Maspero, Gaston. Manual of Egyptian archæology and guide to the study of antiquities of Egypt for the use of students and travelers... Translated by Amelia B. Edwards. New York: G. P. Putnam's Sons, 1902. xxviii, 391 p. 5. ed. rev. and enl. illus. 8°. *OBL

See p. 293-301.

392. Matschoss, Conrad. Joseph Marie Jacquard (1752 bis 1834) und die Erfindung der Jacquard-Maschine. illus. (Verein deutscher Ingenieure. Zeitschrift. Berlin, 1908. Bd. 52, p. 1061-1065.) VDA

393. Matthews, Washington. Navajo weavers. illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1884. no. 3, 1881/2, p. 375-391.) †HBB

Good pictures of spinning whorl and looms.

394. — A two-faced Navajo blanket. illus. (American anthropologist. New York, 1900. new series, v. 2, p. 638-642.) HBA

Plates show blanket on loom.

395. Mayers, F. J. On the designing and making of carpets. illus. (The artist. New York, 1899. v. 25, p. 151-155, 200-204.) †MAA

p. 200: Illustrates model of Brussels hand-loom; p. 201: 8-yard-wide hand-loom for chenille carpets.

396. Mead, Charles Williams. Ancient Peruvian cloths... with illustrations in the American Museum. illus. (American Museum journal. New York, 1916. v. 16, p. 389-393.) PQA

397. Means, Philip Ainsworth. A survey of ancient Peruvian art. illus. (Connecticut Academy of Arts and Sciences. Transactions. New Haven, 1917. v. 21, p. 315-408.) *EA

A few references to textiles, with some good plates showing fabrics. Bibliography.

398. Megraw, Robert H. Textiles and the origin of their names. (New York: The author, 1906.) 75 p., 3 pl. 8°. VL

Has a portrait of Jacquard and a picture of a loom.

399. Mehta, P. N. Report to the government of Bombay on the handloom industry in the Presidency. (Municipal School of Technology, Manchester. Journal. Manchester, 1910. v. 3, p. 215-234.) SSMC

General status of the industry with recommendations; also description of loom.

400. Merwin, Bruce W. The art of quillwork. illus. (University of Pennsylvania. The Museum journal. Philadelphia, 1918. v. 9, p. 50-55.) *F

401. Metropolitan Museum of Art. Catalogue of a special exhibition of textiles. New York: The Museum, 1915-16. xvi, 99 p. illus. 8°. MON

History of weaving in the introduction.

402. Meyer, Adolf Bernhard, and O. Richter. Celebes I.: Sammlung der Herren Dr. Paul und Dr. Fritz Sarasin aus den Jahren 1893-1896. Anhang: Die Bogen-, Strich-, Punkt- und Spiralornamentik von Celebes. Dresden: Stengel & Co., 1903. xii, 140 p., 1 l., 1 map, 29 pl. f°. (Koenigliches ethnographisches Museum zu Dresden. Publikationen. Bd. 14.) ††QPH (Koenigliches)

See p. 41-43 and plate 12.

403. — Webgeraet aus dem ostindischen Archipele mit besonderer Rücksicht auf Gorontalo in Nord Celebes. illus. (Koenigliches zoologisches und anthropologisch-ethnographisches Museum zu Dresden. Abhandlungen und Berichte. Berlin, 1903. Bd. 10, No. 6, Ethnographische Miscellen II, p. 19-67.) †QGA

Plates 2-3 show apparatus and two colored samples of fabric. References to important sources.

404. Meyers grosses Konversations-Lexicon. Ein Nachslagewerk des allgemeinen Wissens. Leipzig and Wien: Bibliographisches Institut, 1902-13. 24 v. including supplements. 4°. *R-AM

See articles: *Spinnen, Weben* in Bd. 18 and 20 respectively. Mostly concerned with power-driven apparatus.

405. Michel, Francisque Xavier. Recherches sur le commerce, la fabrication et l'usage des étoffes de soie, d'or et d'argent et autres précieux en occident, principalement en France pendant le moyen âge... Paris: Crapelet, 1852-54. 2 v. 8°. VL

Textile fabrics in mediæval literature, with a wealth of citations. Completely indexed. Library has two copies. Tome 2 printed by Ch. Lahure.

406. Midgley, W. W. Linen of the third dynasty. illus. (British School of Archæology in Egypt. Studies. London, 1911. 4°. v. 2: Historical studies, p. 37-39.) ††*OBL

Plate 21 shows 6 microphotographs.

407. Milne, Mrs. Leslie. Shans at home... with two chapters on Shan history and literature by the Rev. Wilbur Willis Cochran. London: John Murray, 1910. xxiv, 289 p. illus. 8°. QPB

See chapter 13 on industries. Good picture of loom opp. p. 120; views of weaving and ginning, opp. p. 168. Several illustrations of fabrics.

408. Mitchell, Arthur. The past in the present. New York: Harper & Brothers, 1881. 362 p. illus. 8°. CP

See lecture 1: The spindle and whorl. Interesting picture of an old Scotch loom on p. 29.

409. Mongez. Recherches sur les habillemens des anciens. (Institut de France.—Académie des inscriptions. Histoire et mémoires de l'Institut royal de France: Classe d'histoire et de littérature ancienne. Paris, 1818. tome 4, p. 222-314.) *EO

Excellent account of materials and apparatus.

410. Montfaucon, Bernard de. Antiquity explained and represented in sculptures by the learned Father Montfaucon, translated into English by David Humphreys... London: J. Tonson & J. Watts, 1721-22. 5 v. in 3. illus. 1°. †MTG

See plates opp. p. 219, figs. 11 and 12 for hand and foot loom (from Braunius, 1680); also text on p. 225 and 226. Library has also 1. and 2. French editions in which the illustrations are better executed.

411. Montgomery, James. A practical detail of the cotton manufacture of the United States of America; and the state of the cotton manufacture of that country contrasted and compared with that of Great Britain... also a brief historical sketch of the rise and progress... in America... Glasgow: John Niven, Jr., 1840. xi, 219 p. illus. 8°. †VLE

412. — The theory and practice of cotton spinning; or, The carding and spinning master's assistant... also an historical sketch of the rise and progress of cotton spinning... Glasgow: John Niven, 1833. x, 332 p. 2. ed. illus. 8°. †VLE

413. Moorcroft, William, and GEORGE TREBECK. Travels in the Himalayan provinces of Hindustan and the Panjab; in Ladakh and Kashmir... from 1819 to 1825. London: John Murray, 1841. 2 v. illus. 8°. Stuart 6768

See v. 2, p. 164-195 for good description of Cashmere shawl making.

414. Moore, Alfred S. Irish tweeds: their story and manufacture. illus. (Textile recorder. Manchester, 1920. v. 37, p. 414, 458-459.) †VLA

415. Mortimer, J. R. Forty years researches in British and Saxon burial mounds of east Yorkshire, including Romano-British discoveries, and a description of the ancient entrenchments on a section of the Yorkshire wolds. London: A. Brown & Sons, Ltd. [190-?] lxxxvi, 452 p. illus. 4°. †QPM

See index under *Spindle-whorls*.

416. Müller, Sophus. Nordische Altertumskunde nach Funden und Denkmälern aus Dänemark und Schleswig... unter Mitwirkung des Verfassers besorgt von Dr. Otto Luitpold Jiriczek. Strassburg: Karl J. Trübner, 1897. 2 v. illus. 8°. QPS

See v. 1, p. 268-274, including picture of a small loom for hair nets, also of a woven girdle. Whorls in v. 2, p. 58-59.

417. Mueller, Wilhelm. Yap. Hamburg: L. Friederichsen & Co., 1917-18. 2 v. illus. 4°. (Hamburgische wissenschaftliche Stiftung. Ergebnisse der Südsee-Expedition, 1908-10.) †QPH

Detailed and well illustrated. See especially loom sections, Abb. 165. Views show good specimens of banana fiber and linen weaving.

418. Mukerji, Nitya Gopal. A monograph on carpet-weaving in Bengal. Calcutta: Bengal Secretariat Book Depot, 1907. 24 p. 4°. †3-MOP

Looms described.

419. Mukharji, T. N. Art manufactures of India. [Specially compiled for the Glasgow International Exhibition, 1888.] Calcutta: Supt. of Gov. Printing, 1888. 451 p. illus. 8°. MNE

Describes cotton, silk, and woollen fabrics, but with little concerning their manufacture.

420. Mumford, John Kimberly. Oriental rugs. New York: Charles Scribner's Sons, 1915. xxiv, 278 p. illus. 4°. MOP
Chapter 7: Weaving. Some excellent pictures.

421. Munro, Robert. Ancient Scottish lake-dwellings or crannogs, with a supplementary chapter on remains of lake-dwellings in England. Edinburgh: David Douglas, 1882. xx, 326 p. illus. 8°. QPM

See index under headings: Cloth; Spindle-whorls.

422. — The lake-dwellings of Europe; being the Rhind lectures in archæology for 1888. London: Cassell & Co., Ltd., 1890. xl, 600 p. illus. 8°. QPL

See index under headings: Spindle, Spindle-whorls, Weaving materials, Cloth.

423. Murdoch, John. Ethnological results of the Point Barrow expedition. illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1892. no. 9, 1887/8, p. 3-441.) †HBB

See p. 311-317 for spinning and weaving. Figure 324 shows "sword" for feather weaving.

424. Murr, Christoph Gottlieb von. Nachrichten von verschiedenen Ländern des Spanischen Amerika... Halle: Joh. Christian Hendel, 1809-11. 2v. 8°. HCK

Appreciation of Indian weaving, but no technical details.

425. Murray, Margaret Alice. The tomb of two brothers... Manchester: Sherratt & Hughes, 1910. 79 p., 1 l., 11 pl. 8°. (Manchester Museum. Publications. no. 68.) *F (Manchester)

Treats of mummies found in a tomb of the xirrh dynasty in 1906. The linen wrappings, with analysis of yarns, are discussed in chapter 9 by Thomas W. Fox; the coloring matter of the cloths, by Julius Hübnér. Excellent plates.

426. Murti, E. N. Dacca muslins. (National Association of Cotton Manufacturers. Transactions. Boston, 1914. no. 95, p. 45-65.) VLLA

Also in *Textile mercury*, Manchester, v. 49, 1913, p. 419-420, 462-463, 489-499.

427. Native Egyptian cotton weavers. (Textile mercury. Manchester, 1912. v. 46, p. 117-118.) †VLA

Treats briefly of modern conditions.

428. Nelson, Edward William. The Eskimo about Behring Strait. illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1899. no. 18, 1896/7, p. 3-518.) †HBB

See p. 185-194 for net making; p. 202-205, for mats, baskets, and bags.

429. Neuburger, Albert. Die Technik des Altertums. Leipzig: R. Voigtländer, 1919. xviii, 569 p. illus. 8°. V

Brief history of Greek and Roman weaving and spinning, p. 173-188.

430. Neugebauer, Rudolf, and JULIUS ORENDI. Handbuch der orientalischen Teppichkunde... Leipzig: Karl W. Hierse-mann, 1909. xii, 246 p. illus. 8°. (Hierse-manns Handbücher. Bd. 4.) MOP

See p. 72-78.

431. New handloom. (Society of Arts. Journal. London, 1884. v. 32, p. 776.) VA

Brief reference to a Russian loom which is "said to be so light that the finest silk goods may be woven upon it without any fear of the warp thread breaking."

432. A New Irish industry. (Craftsman. New York, 1902. v. 1, no. 3, p. 34-39.) MNA

"Tufted" rugs made at Donegal.

433. The New Zealanders. Boston: Wells & Lilly, 1830. 424 p. illus. 12°. (The library of entertaining knowledge. v. 5, part 1-2.) QPH

Brief reference to spinning and weaving of flax, p. 180-183.

434. Newark Museum Association. The story of textiles. Newark, 1916. 29 p. illus. 8°. VLB p.v.14, no.13

Published during the exhibition of New Jersey textiles held in the Newark Public Library during the spring of 1916.

Niemann, George, joint author. See Benndorf, Otto, and GEORGE NIEMANN.

435. Nieuwenhuis, Anton Willem. Die Veranlagung der malaiischen Völker des ost-indischen Archipels erläutert an ihren industriellen Erzeugnissen. Leiden: E. J. Brill, 1913. 1 p.l., 56 p., 31 pl. f°. (Internationales Archiv für Ethnographie. Supplement to Bd. 21.)

† QOA (Internationales)

See p. 21-25, 37-40, 41-47. Illustrations of matting and colored plates of *basik*.

436. Nourse, Henry Stedman. Some notes upon the genesis of the power loom in Worcester county. (American Antiquarian Society. Proceedings. Worcester, Mass., 1905. new series, v. 16, p. 22-46.) IAA

437. Oberlaender, Richard. Westafrika vom Senegal bis Benguela... Leipzig: Otto Spamer, 1878. xiv, 512 p. 3. ed. illus. 8°. BMB

See p. 211 for spinning and weaving scene among the Ashantis.

438. Odell, Ralph M. Cotton goods in China. Washington: Gov. Prtg. Off., 1916. 242 p., 2 pl. 8°. (United States.—Bureau of Foreign and Domestic Commerce. Special agents series. no. 107.)

TLG (U. S.)

See chapter 12: Handloom weaving in China, for description of apparatus and product.

439. Oldham, Thomas, and GEORGE PRESTWIDGE. An engine or machine constructed upon peculiar principles entirely new, and which upon repeated trials we, the petitioners, had discovered would be very useful in spinning of hards or refuse flax, as also in spinning of flax, hemp, and wool. illus. (Specification for British patent no. 1368 for the year 1783.) * V

440. Olivier, Louis. La Tunisie... Paris: Ch. Delagrave, 1899. viii, 391 p. illus. 8°. † BKP

Pictures of looms, p. 244-246 show weaving by hand on upright loom of the Navajo type. The revolving beams are of interest because of their large notched ends.

441. Onelli, Clemente. Alfombras—tapices. [v.] 1. Buenos Aires: G. Kraft, 1916. illus. 4°. MON

See figures 1, 5 and 28 for South American Indian weaving.

442. Oppel, A. Die Baumwolle nach Geschichte, Anbau, Verarbeitung und Handel, sowie nach ihrer Stellung im Volksleben und in der Staatswirtschaft im Auftrage und mit Unterstützung der Bremer Baumwollbörse... Leipzig: Duncker & Humblot, 1902. xv, 745 p. illus. 4°. VLL

Pictures: p. 202, German spinning scene after Sebastian Münster, 1544; p. 203, German spindles; p. 208, Hindu loom; p. 209, ancient Mexican loom; p. 212-214, ancient Peruvian fabrics; p. 215, Haussa loom; p. 546, cotton reel, Turkestan; p. 552, hand spinning in China; p. 565, Malaysian loom; p. 566, spindle and distaff, Luzon; p. 589, indigo dyeing in Africa; p. 591, weavers of the Gold Coast; p. 595, Suaheli loom; p. 621, spinning in Colombia.

Orendi, Julius, joint author. See Neugebauer, Rudolf, and JULIUS ORENDI.

443. Orlich, Leopold von. Travels in India, including the Sinde and the Punjab. Translated from the German by H. Evans Lloyd. London: Longman, Brown, Green, and Longmans, 1845. 2 v. illus. 8°. BGS

Pictures of cotton beater and cotton weaver, p. 42-43.

444. Pariel. La maison à Figuig. illus. (Revue d'ethnographie et de sociologie. Paris, 1912. tome 3, p. 259-280.) QOA

Loom pictured and described, p. 275-276.

445. Pariset, Ernest. Histoire de la soie. Temps antérieurs au vii^e siècle de l'ère chrétienne. Paris: August Durand, 1862. vi, 264 p. map. 8°. VLN

p. 212 et seq. discuss the horizontal loom, the invention of which is attributed to the Egyptians.

446. — Les industries de la soie. Sériciculture, filature, moulinage, tissage, teinture, histoire & statistique. Lyon: Pitrat aîné, 1890. vii, 423 p. illus. 4°. **VLN**

Preparation and weaving of silk. Early improvements in the silk loom, with pictures. Good cut of Chinese loom operated by three men.

447. Parker, Elizabeth. Corn husk weaving. illus. (Craftsman. New York, 1911. v. 21, Oct., 1911, p. 99-101.) **MNA**

Practical directions.

448. Parkinson, R. Dreissig Jahre in der Südsee. Land und Leute, Sitten und Gebräuche im Bismarckarchipel und auf den deutschen Salomoinseln. Stuttgart: Strecker & Schröder, 1907. xxii, 876 p. illus. 8°. **BFR**

Pictures of loom, p. 548 and 551.

449. — Nachträge zur Ethnographie der Ongtong-Java-Inseln. illus. (Internationales Archiv für Ethnographie. Leiden, 1898. Bd. 11, p. 194-209, 242-243.) **† QOA**

Two pictures of loom, p. 242-243.

450. Passarge, Siegfried. Adamaua. Bericht über die Expedition des Deutschen Kamerun-Komitees in den Jahren 1893-94. Berlin: Dietrich Reimer, 1895. xvi, 573 p. illus. 4°. **† BMN**

Spindles, p. 42; loom, p. 84; description of *schibba*, or bow-spindle, also names of fabrics, p. 473-474.

451. Patel, Raoji B. Handloom weaving in India. (Textile recorder. Manchester, 1907. v. 25, p. 24-25, 56, 87.) **† VLA**

Describes details of various classes of cotton piece goods, speed of weaving, and makes suggestions for increase of output.

452. Paton, George Pearson. Japan. Reports on the raw silk industry of Japan and on habutae (Japanese manufactured silk). London: Harrison and Sons, 1909. 55(1) p. 8°. (Great Britain.—Foreign Office. Diplomatic and consular reports. Miscellaneous series. no. 672.) **TLG (Gt. Br.)**

453. Patterson, George Leo. The Navajos and their blanket-weaving industry. illus. (New England magazine. Boston, 1904. new series, v. 31, p. 64-74.) *** DA**

454. Paulet, J. L'art du fabricant d'étoffes de soie. 7 sections in 6 v. [Paris,] 1773-78. illus. f°. (Académie royale des sciences. Description des arts et métiers. v. 35-37, 46-47, 51.) **† VBA**

The most complete and detailed text and illustrations of silk manufacture of the period.

455. Pearse, Arno S. Indian cotton. [Report to,] International Federation of Master Cotton Spinners' & Manufacturers' Associations. [Manchester,] 1913-14. 262 p. illus. 8°. **VLL (International)**

See p. 214-218 for brief account of spinning and weaving by hand, with some good pictures.

456. Pepper, George Hubbard. Die Deckenweberei der Navajo-Indianer. illus. (Globus. Braunschweig, 1902. Bd. 82, p. 133-140.) **† KAA**

Excellent pictures of looms.

457. Perry, Edward W. Spinners and weavers of America. illus. (In: Draper Company, Labor-saving looms. 3. ed. Hopedale, Mass., 1907. p. 17-31.) **VLL**

Aztec pictures. On p. 26, picture of loom as used before Kay, also of early fly shuttle loom. Japanese loom, p. 29.

458. Peters, J. Henry. Dyeing, spinning and weaving by Camanches, Navajoes, and other Indians of New Mexico. (United States.—Commissioner of Patents. Report. Washington, 1851. 1850, part 1, p. 392-397.) **HBC**

Illustrations on p. 381 and 382 show spinning. Article is reprinted in W. W. Beach, *Indian miscellany*, Albany, 1877, p. 352-360.

459. Petrie, William Matthew Flinders. Arts & crafts of ancient Egypt. Chicago: A. C. McClurg & Co., 1910. xv, 158 p. illus. 8°. (The world of art series.) **MAE**

See chapter 15.

460. — Tools and weapons illustrated by the Egyptian collection in University College, London, and 2000 outlines from other sources. London: British School of Archaeology in Egypt, 1917. vii, 71 p., 5 l., 79 pl. f°. **† OBM**

See p. 53-54. Plate 65 shows spindles, shuttles, combs, etc.

461. Philbrick, Eliza. Spinning in the olden time. illus. (Essex antiquarian. Salem, Mass., 1897. v. 1, p. 87-92.) *** R - Room 328**

Good description.

462. Philippine Islands.—Education Bureau. Philippine mats. [A manual containing directions for the preparation of materials for mat making, with suggestive color schemes for these materials, and details for weaving approved Philippine designs.] Manila: Bureau of Printing, 1913. 130 p., 3 pl. illus. 4°. (Philippine Craftsman reprint series. no. 1.) **MNE**

463. Phipps, Gerald Hastings. Japan. Report on the matting industry in Japan. London: Harrison and Sons, 1909. 1 p.l., (1)4-21 p., 1 l. 8°. (Great Britain.—Foreign Office. Diplomatic and consular reports. Miscellaneous series. no. 674.) **TLG (Gt. Br.)**

Abstracted in *Textile mercury*, v. 40, 1909, p. 105-106.

464. Plaisted, Laura L. Handwork and its place in early education. Oxford: Clarendon Press, 1913. xiii, 327 p. illus. 8°. **SSM**

See chapter on weaving. Cardboard looms are referred to but not explained in detail.

- 465. Playfair.** The manufacture of Sakai carpets. (Textile recorder. Manchester, 1898. v. 16, p. 292-293.) †† VLA
- 466. Playfair, Alan.** The Garos... with an introduction by Sir J. Bampfylde Fuller... London: David Nutt, 1909. xvi, 172 p. illus. 8°. QPC
Brief description of preparation of bark cloth, p. 57-58.
- 466a. Pluche, Noël Antoine.** Spectacle de la nature; or, Nature display'd, being discourses on particulars of natural history most proper to form the minds of youth, translated by Mr. Humphreys. London: J. Pemberton, 1736-48. 7 v. 8°. OAD
v. 1, 3, ed.; v. 4 translated by J. B. de Freval.
v. 6 contains excellent plates showing spinning and weaving operations, especially of tapestry weaving.
- 467. Porter, George Richardson.** A treatise on the origin, progressive improvement and present state of silk manufacture. Philadelphia: Carey & Lea, 1832. xii, 276 p. illus. 8°. (Cabinet cyclopædia conducted by Rev. Dionysius Lardner.) VLNE
See chapters on *throwing, plain weaving, figure weaving*. Good description of simple silk loom, with picture, p. 180 *et seq.*
- 468. Porter, Robert Percival.** Cotton spinning in Japan. illus. (Textile recorder. Manchester, 1896. v. 14, p. 115-116.) †† VLA
Principally statistics, but with two good pictures of spinning and weaving.
- 469. Practisches Handbuch des Seidenmanufakturwesens...**nach den besten Hilfsmitteln bearbeitet von einem deutschen Techniker. Zweite, sehr vermehrte Ausgabe. Weimar: B. Fr. Voigt, 1847. 2 p.l., (i)x-xiv, 583(1) p., 1 l. 16°. VLNE
See section 4: Von der Seidenweberei. Figure 92 shows details of loom.
- Prestwidge, George,** joint author. See Oldham, Thomas, and GEORGE PRESTWIDGE.
- 470. Priestman, Howard.** Principles of woolen spinning. London and New York: Longmans, Green & Co., 1908. ix, 319 p. illus. 8°. VLMD
Chapter 1, The history of the woollen trade, traces history of inventions of the eighteenth century.
- 471. —** Principles of worsted spinning. London and New York: Longmans, Green & Co., 1921. x, 353 p. 2. ed. illus. 8°. VLMD
See chapter 1 for a brief but excellent history of spinning.
- 472. Priestman, Mabel Tuke.** Handicrafts in the home. Chicago: A. C. McClurg & Co., 1910. xi, 228 p. illus. 8°. MNH
See chapters on hand-woven rugs, fancy pattern weaving, crocheted rugs, and pulled rugs.
- 473. —** The technique of simple rug weaving. illus. (Craftsman, New York, 1907. v. 12, April, 1907, p. 119-126.) MNA
Directions for setting up loom and for operating. Detail of a "John Alden" rug; also border of a Waverly rug.
- 474. —** Weaving in a handloom. illus. (International studio. New York, 1907. v. 32, p. xxx-xxxvi.) † MAA
Good description of rug weaving.
- 475. Pueblo spinning and weaving.** (United States. — Bureau of Ethnology. Annual report. Washington, 1896. no. 14, 1892/3, opp. p. 551.) † HBB
Shows loom after photograph in United States National Museum.
- Quilter, James Henry,** joint author. See Chamberlain, John, and J. H. QUILTER.
- 476. Quilter, James Henry, and JOHN CHAMBERLAIN.** Frame-work knitting and hosiery manufacture. v. 1. Leicester: "Hosiery Trade Journal" Office, 1911. 304 p. illus. 8°. VLMD
Chapter 1: Origin, rise and progress.
- 477. Raffles, Sir Thomas Stamford.** Antiquarian, architectural, and landscape illustrations of the history of Java... London: Henry G. Bohn, 1844. 3 p.l., 1 map, 92 pl. f°. † BFO
See plate 9 for spinning wheel and loom; also for implements used in *batik*.
- 478. The Rag-carpet glorified.** (Current literature. New York, 1901. v. 30, p. 355-357.) * DA
From the New York Herald. Describes the work of Mrs. Douglas Volk at Centre Lovell, Me.
- 479. Ratzel, Friedrich.** The history of mankind. Translated from the second German edition by A. J. Butler with an introduction by E. B. Tylor. London: Macmillan & Co., Ltd., 1896-98. 3 v. illus. 8°. QOL
Brief reference to Peruvian textiles, with pictures of spindles and plaiting needles, v. 1, p. 179-180. Picture of Ishogo (Africa) loom, v. 1, p. 292. Niger weaving frame, picture, v. 3, p. 111.
- 480. Reche, Otto.** Der Kaiserin-Augusta-Fluss. Hamburg: L. Friederichsen & Co., 1913. x, 488 p. illus. 4°. (Hamburgische wissenschaftliche Stiftung. Ergebnisse der Südsee-Expedition 1908-1910, II. Ethnographie: A. Melanesien.) † QPH
p. 228-239, treating of mat work, have good illustrations.
- 481. Reed Manufacturing Co.** Looms, weaving supplies. Springfield, Ohio: The Company [1921]. 20 p. illus. 12°. Vertical File, 121
- 482. Rein, Johann Justus.** The industries of Japan. Together with an account of its agriculture, forestry, arts, and commerce. From travels and researches undertaken at the cost of the Prussian government. New York: A. C. Armstrong & Son, 1889. xii, 570 p. illus. 8°. TAH
Textile section is devoted to descriptions of silk goods. Brief description of the use of gold and silver paper in brocades.

483. Reinhardt, Ludwig. *Der Mensch zur Eiszeit in Europa und seine Kulturentwicklung bis zum Ende der Steinzeit.* München: Ernst Reinhardt, 1906. vi, 504 p. illus. 8°. **QPL**

See p. 309-312. Loom pictured and described (after Heierli).

484. Reiss, Wilhelm, and ALFONS STUEBEL. *The necropolis of Ancon in Peru. A contribution to our knowledge of the culture and industries of the empire of the Incas, being the results of excavations made on the spot...* Translated by Professor A. H. Keane. Berlin: A. Ascher & Co., 1880-87. 3 v. illus. f°. **Stuart 1**

v. 1. The necropolis and its graves; v. 2. Garments and textiles; v. 3. Ornaments, utensils, etc.

Beautifully executed colored plates show fabrics. Plate 86, v. 2, shows spindles.

"The magnificent work of Reiss and Stübel, with its realistic chromolithographic plates, places these relics before the world in the most satisfactory manner possible." — *William H. Holmes.*

485. Reuleaux, Franz. *The kinematics of machinery. Outlines of a theory of machines.* Translated and edited by Alex. B. W. Kennedy. London: Macmillan & Co., 1876. xvi, 622 p. illus. 8°. **VFG**

Discusses mechanical principles of spinning, p. 216-219.

486. Revival of English handicrafts. illus. (Craftsman. New York, 1902. v. 1, no. 4, Jan., 1902, p. 25-32.) **MNA**

487. G. Revoil's Reise im Lande der Benadir, Somali und Bajun 1882 bis 1883. illus. (Globus. Braunschweig, 1885. Bd. 47, p. 321-327.) **† KAA**

See p. 324-325 for pictures of weaving and spinning.

Ricard, P., joint author. See **Bel, Alfred,** and **P. RICARD.**

488. Richards, Charles Russell. *Textile and other crafts of India.* illus. (Manual training magazine. Peoria, Ill., 1905. v. 6, p. 138-153.) **SSM**

Illustration shows details of the outdoor loom.

Richter, O., joint author. See **Meyer, Adolf Bernhard,** and **O. RICHTER.**

489. Riebeck, Emil. *The Chittagong hill-tribes. Results of a journey made in the year 1882...* Translated by Professor A. H. Keane. London: Asher & Co., 1885. illus. f°. **†† QPC**

Colored plates of fabric design. Plate 12, looms and spindles.

490. Riefstahl, Rudolf Meyer. *The pictures of plowing and weaving.* illus. (Asia. New York, 1920. v. 20, p. 1059-1063; v. 21, p. 47-51.) **† BBA**

Cuts from the old album of Chi-tu, showing progressive silk processes.

491. Riegl, Alois. *Der antike Webstuhl.* illus. (Kaiserlich koeniglich oesterreichisches Museum für Kunst und Industrie. Mittheilungen. Wien, 1892. N. F. Jahrg. 8, p. 290-303.) **3 - MNA**

492. — Ruthenische Teppiche. (Kaiserlich koeniglich oesterreichisches Museum für Kunst und Industrie. Mittheilungen. Wien, 1892. N. F. Jahrg. 7, p. 85-94, 109-113.) **3 - MNA**

Loom referred to on p. 90-91.

493. — Textile Hausindustrie in Oesterreich. (Kaiserlich koeniglich oesterreichisches Museum für Kunst und Industrie. Mittheilungen. Wien, 1889. N. F. Jahrg. 4, p. 411-419, 431-435.) **3 - MNA**

Traces development with little of technical interest.

494. Rijks Ethnographisch Museum. *Ethnographisch album van het stroomgebied van den Congo...* 's-Gravenhage: Martinus Nijhoff, 1904-16. 245 pl. obl. 4°. **† QPE**

See plates 65 and 66 for looms, distaff, and spindle.

495. Rivers, William Halse Rivers. *The history of Melanesian society.* Cambridge: University Press, 1914. 2 v. illus. 8°. (Percy Sladen Trust Expedition to Melanesia.) **BIR**

See index under *Weaving*.

496. Rock, Daniel. *Textile fabrics; a descriptive catalogue of the collection of church-vestments, dresses, silk stuffs, needlework and tapestries, forming that section of the Museum [South Kensington].* London: Chapman & Hall, 1870. clxi, 356 p. illus. 4°. **MON**

Introduction has a history of textile fabrics.

497. Rockhill, William Woodville. *Notes on the ethnology of Tibet. Based on the collections in the United States National Museum.* illus. (United States National Museum. Report. Washington, 1895. 1892/3, p. 665-747.) *** EA**

See p. 698-701.

498. Rodón y Font, Camilo. *La invención de la maquina Jacquard. Estudio histórico y analítico de su proceso.* Badalona: "Cataluña Textil," 1919. 105 p. illus. 8°. **VLD**

Has illustrations of early looms fitted with harness mechanisms.

499. Roesler, E. *Archäologisch-ethnologischen Bericht über seine... Untersuchungen im Gouv. Elisabethpol im Februar und April 1897.* illus. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Berlin, 1898. Jahrg. 1898, p. 290-329.) **QOA (Zeitschrift)**

Bound with: *Zeitschrift für Ethnologie.* Bd. 30. Plate 9 shows an interesting loom with heddles suspended from a triangular support which moves along a long warp stretched upon the ground.

500. Roland de la Platière, Jean Marie. L'art du fabricant d'étoffes en laines rases et seches, unies et croisées. Paris: Moutard, 1780. 2 p.l., 62 p., 11 pl. f°. (Académie royale des sciences. Description des arts et métiers. v. 52.) ††VBA

Spinning and weaving shown in great detail. Library has a second copy in ††VLMD.

501. — L'art du fabricant de velours de coton, précédé d'une dissertation sur la nature, le choix, et la préparation des matières, et suivi d'un traité de la teinture et de la impression des étoffes de ces mêmes matières. Paris: Moutard, 1780. 2 p.l., 48 p., 2 l., 11 pl. f°. ††VLMD

Bound with his: L'art du fabricant d'étoffes en laine. Paris, 1780. f°.

Noteworthy plates.

502. Ronchaud, Louis de. La tapisserie dans l'antiquité... Paris: J. Rouam, 1884. 157 p. illus. 8°. MOR

503. Roscoe, John. The Baganda, an account of their native customs and beliefs. London: Macmillan & Co., 1911. xix, 547 p. illus. 8°. QPE

See p. 403-406 for account of bark cloth.

504. Rosellini, Ippolito. I monumenti dell' Egitto e della Nubia disegnati dalla spedizione scientifico-letteraria toscana in Egitto distribuiti in ordine di materie interpretati ed illustrati. Pisa, 1832-44. 9 v. of text; 3 v. of plates. 8° and f°. *OBKG and ††OBKG

Industrial arts of ancient Egypt shown in detail. See v. 2, plates 41 (in color) and 42 for spinning and loom operations.

505. Rossi, Giovanni Battisti. L'arte dell' arazzo. Milano: Ulrico Hoepli, 1907. xv, 239 p. illus. 12°. MOR

Various operations of tapestry making well illustrated.

506. Roth, Henry Ling. Ancient Egyptian and Greek looms. Halifax [Eng.], 1913. 41 p., 3 pl. 4°. (Bankfield Museum notes. series 2, no. 2.) *F (Bankfield)

Copies of tomb drawings furnished by Mr. N. de G. Davies, the well-known Egyptologist. Mr. W. W. Midgley contributes a short paper on mummy wrappings.

507. — "Hand card making." Halifax [Eng.], 1912. 12 p. illus. 8°. (Bankfield Museum notes. no. 11.) *F (Bankfield)

508. — "Hand woolcombing." Halifax [Eng.], 1909. 10 p. illus. 8°. (Bankfield Museum notes. no. 6.) *F (Bankfield)

509. — Mocassins and their quill work. Halifax [Eng.], 1909. 20 p. illus. 8°. (Bankfield Museum notes. no. 7.) *F (Bankfield)

510. — The natives of Sarawak and British North Borneo... London: Truslove & Hanson, 1896. 2 v. 8°. BFM

See chapter 17.

511. — Studies in primitive looms. Halifax [Eng.]: F. King & Sons, Ltd., 1917-18. 4 parts in 1 v. illus. 4°. (Bankfield Museum notes. series 2, no. 8-11.)

*F (Bankfield)

Definition of terms; evolution of the spool and shuttle; the Ainu loom; some American looms; African, Indonesian, and Solomon Island looms; Oriental vertical mat looms; Lapp woman's belt loom; vertical looms (Greek and Roman); the alleged "weaver's comb." One hundred eighty-eight illustrations.

Also in *Journal of the Royal Anthropological Institute of Great Britain and Ireland*, v. 46, p. 284-308; v. 47, p. 113-150, 323-366; v. 48, p. 103-145, QOA.

512. Roth, Walter Edmund. Some technological notes from the Pomeroon district, British Guiana. illus. (Royal Anthropological Institute of Great Britain and Ireland. *Journal*. London, 1909-12. v. 39, p. 26-34; v. 40, p. 23-38; v. 41, p. 72-82; v. 42, p. 529-540.) QOA

Basketry and string making, with some excellent plates.

513. — String, and other forms of strand: basketry-, woven bag-, and network. Brisbane: E. Gregory, govt. prtr., 1901. 15 p., 19 pl. f°. (Queensland.—Home Secretary's Department. North Queensland ethnography. Bulletin. no. 1.) †QPH

514. Routledge, W. Scoresby, and KATHERINE ROUTLEDGE. With a prehistoric people. The Aikuyu of British East Africa, being some account of the method of life and mode of thought found existent amongst a nation on its first contact with European civilization. London: Edward Arnold, 1910. xxxii, 392 p. illus. 8°. QPF

See p. 77-79 for account and pictures of string making and string bags.

515. Russell, Frank. The Pima Indians. illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1908. no. 26, 1904/05, p. 3-389.) †HBB

Basketry, p. 131-148; Spinning and weaving, p. 148-153; Model loom (picture), p. 148. Plates 22-23, excellent illustrations of basketry.

516. The Salvation Army's silk industry in India. (Textile mercury. Manchester, 1914. v. 50, p. 87.) †VLA

Abstract of U. S. consular report by H. D. Baker. Brief reference to weaving school in India.

517. Sammons, Thomas. Korean matting. (Textile mercury. Manchester, 1909. v. 41, p. 259.) †VLA

518. Sande, G. A. J. van der. Ethnography and anthropology. Leyden: E. J. Brill, 1907. 4 p.l., 390 p., 1 map, 79 pl. f°. (Nova Guinea. Uitkomsten der Nederlandsche Nieuw-Guinea Expeditie. v. 3.) †PQH

English text. See chapters 2 and 8. Good pictures and description of the preparation of bark cloth. Weaving frame, plate 25.

519. Sarfert, Ernst Gotthilf. Kusae. Hamburg: L. Friederichsen & Co., 1919-20. 2 v. illus. 4°. (Hamburgische wissenschaftliche Stiftung. Ergebnisse der Südsee-Expedition, 1908-1910.) † QPH

Detailed and well illustrated.

520. Sargent, Irene. Notes gathered from the history of textiles. (Craftsman. New York, 1902. v. 1, no. 4, Jan., 1902, p. 3-24.) MNA

Well written general article, with little discussion of technique.

521. Schadee, M. C. Bijdrage tot de kennis van de ethnographie der westerafdeeling van Borneo. illus. (Internationales Archiv für Ethnographie. Leiden, 1886. Bd. 9, p. 62-89.) † QOA

Tafel 6, figure 1 shows weaver at work.

522. Schaffner, C. Louise. Weaving in the kindergarten and primary grades. illus. (School arts magazine. Worcester, Mass., 1921. v. 21, p. 146-150.) SSA

523. Schams, J. Ausfuhrliches Handbuch der Weberei. Ein Lehr- und Hilfsbuch für Fabrikanten Weber und Webschüler. Mit einem Atlas von zweiundsechzig Tafeln. Leipzig: B. F. Voigt, 1900. 2 v. 3. ed. 4°. VLD

Some attention is given to the handloom.

524. Schatz, Desiderius. Leonardo da Vinci und die Textilindustrie. illus. (Zeitschrift für die gesamte Textil-Industrie. Leipzig, 1904. Jahrg. 7, p. 419-420, 435-436.) †† VLA

525. Schenk, Alexandre. La Suisse préhistorique. Le paléolithique et le néolithique. Préface du Dr. F. A. Forl. Lausanne: F. Rouge & Cie., 1912. x, 632 p. illus. 8°. QPL

See p. 354-356: Industrie textile.

526. Schliemann, Heinrich. Troja: results of the latest researches and discoveries on the site of Homer's Troy, and in the heroic tumuli and other sites, made in the year 1882... Preface by Professor A. H. Sayce. London: John Murray, 1884. xl, 434 p. illus. 8°. MTSE

See p. 293-300: Spindle whorls and spinning among the ancients. On p. 295 are pictures of Egyptian spindles in the British and Berlin Museums.

527. Schmeltz, Johannes Diedrich Eduard. Die Sammlungen aus Korea im ethnographischen Reichsmuseum zu Leiden. illus. (Internationales Archiv für Ethnographie. Leiden, 1891. Bd. 4, p. 45-65, 105-138.) † QOA

See plate 3 for mat loom.

Schmidt, C. H., joint author. See Hartmann, Carl Friedrich Alexander, and C. H. Schmidt.

528. Schmidt, Max. Ableitung südamerikanischer Geflechtmuster aus der Technik des Flechtens. (Zeitschrift für Ethnologie. Berlin, 1904. 4°. Jahrg. 36, p. 490-512.) QOA

Devoted to mats and baskets.

529. — Besondere Geflechtsart der Indianer im Ucayaligebiet. illus. (Archiv für Anthropologie. Braunschweig, 1907. Bd. 34, p. 270-281.) QOA

530. — Die Paressi-Kabiši. Ethnologische Ergebnisse der Expedition zu den Quellen des Jauru und Juruena im Jahre 1910. illus. (Baessler-Archiv. Leipzig and Berlin, 1914. Bd. 4, p. 167-250.) † QOA
p. 213-221, weaving, with interesting picture of loom on p. 215.

531. — Szenenhafte Darstellungen auf alt-peruanischen Geweben. illus. (Zeitschrift für Ethnologie. Berlin, 1910. Jahrg. 42, p. 154-164.) QOA

Illustrations show loom, several pieces of cloth, and weave structure.

532. — Über altperuanische Gewebe mit szenenhaften Darstellungen. illus. (Baessler-Archiv. Leipzig and Berlin, 1911. Bd. 1, p. 1-61.) †† QOA

This important article is a development of one which appeared in the *Zeitschrift für Ethnologie*, Jahrg. 1910, Heft 1, p. 154-164. Unusually well illustrated with weave diagrams and pictures of looms and fabrics (several colored plates).

533. — Über altperuanische Ornamentik. illus. (Archiv für Anthropologie. Braunschweig, 1909. Bd. 35, p. 23-36.) QOA

534. Schoolcraft, Henry Rowe. Information respecting the history, conditions and prospects of the Indian tribes of the United States... Published by authority of Congress. Philadelphia: Lippincott, Grambo & Co., 1851-1860. 6 v. illus. 4°. † HBC

See part 2, p. 436-437 for an account by Major E. Backus of the weaving of Navajo blankets, with a plate showing loom and spindle. See v. 4, p. 441-44 for brief reference to Aztec, Central American, New Mexican, and West Indian spinning. Aztec method is illustrated.

534a. Schorn, Otto von. Die Textilkunst. Eine Übersicht ihres Entwicklungsganges vom frühen Mittelalter bis zur Gegenwart. Leipzig und Prag, 1885. 260 p. illus. 12°. (H. Blümer and O. von Schorn: Geschichte des Kunstgewerbes. Abt 3.) 3 - MNC

Little of technical interest except the picture of tapestry loom on p. 79.

535. Schulenburg, W. von. Ueber das Spinnen in älterer Weise in der Lausitz. Ueber eine Art zu wirken in der Lausitz. illus. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Berlin, 1882. Jahrg. 1882, p. 35-38.) QOA (Zeitschrift)

Bound with: *Zeitschrift für Ethnologie*. Bd. 14. Illustration of distaff after Dürer, 1515.

536. Schurtz, Heinrich. Urgeschichte der Kultur. Leipzig und Wien: Bibliographisches Institut, 1900. xiv, 658 p. illus. 4°.

BAP

Interesting pictures: p. 317, Aino bark workers; p. 320, Eskimo net weaver and Aino loom; p. 319, various basket weaves; p. 410, East African treadle loom; p. 535, Borneo and old Peruvian baskets; p. 539, Congo mat; p. 541, ornamental weave from the Sunda archipelago.

537. Schwartz, J. A. T. Ethnographica uit de Minahassa. illus. (Internationales Archiv für Ethnographie. Leiden, 1908. Bd. 18, p. 44-63.)

† **QOA**

See p. 54-58. Includes picture of a loom.

538. Schwarz, Franz von. Turkestan, die Wiege der indogermanischen Völker. Nach fünfzehnjährigem Aufenthalt in Turkestan. Freiburg im Breisgau: Herder, 1900. xx, 605 p. illus. 8°.

BDE

On p. 341 a *tschigir* or cotton cleaning machine is pictured and described. For silk and cotton spinning and weaving see p. 382-391.

539. Seidel, H. Die Ephe-Neger. illus. (Globus. Braunschweig, 1895. Bd. 68, p. 313-317.)

†† **KA A**

See p. 317.

540. Seler, Eduard. Die Tierbilder der mexikanischen und der Maya-Handschriften. illus. (Zeitschrift für Ethnologie. Berlin, 1910. Jahrg. 42, p. 242-287.)

QOA

See p. 268 for primitive Mexican pictures of looms.

541. Semper, Gottfried. Die textile Kunst für sich betrachtet und in Beziehung zur Baukunst. München: Friedr. Bruckmann's Verlag, 1878. xlii, 490 p. 2. ed. illus. 8°.

MNC

v. 1 of the author's *Der Stil in den technischen und tektonischen Künsten*, München, 1878.

Relation of textile design to other arts, especially building. Little covering details of weaving and spinning.

542. Sennewald, Georg. Lehr- und Musterbuch der einfachen Linnen- und Tischzeugweberei. Nach dem neuesten Standpunkte der Weberei und nach eignen reichen Erfahrungen. Weimar: Bernh. Friedr. Voigt, 1840. x, 45 p. and atlas. 16° and 8°.

VLD

Directions for building loom. Atlas has designs only.

Sheane, Hubert, joint author. See **Gouldsbury**, Cullen, and **HUBERT SHEANE**.

543. Sheppard, Thomas. Old spinning wheels. illus. (Textile mercury. Manchester, 1906. v. 34, p. 422-424.)

† **VLA**

Author is curator of the Municipal Museum, Hull, England.

544. Silk weaving in Japan. (Textile recorder. Manchester, 1891. v. 9, supplement, p. 22-24.)

†† **VLA**

545. Singer, H. Die Karolinen. illus. (Globus. Braunschweig, 1899. Bd. 76, p. 37-52.)

†† **KA A**

See p. 49-50.

546. Sirelius, Uno Taavi. Die Handarbeiten der Ostjaken und Wogulen. 75 p. illus. (Suomalais-ugrilaisen Seura. Aikakauskirja. Helsingissä, 1904. v. 22, no. 1.)

* **QCB**

Describes spinning, mat-work, and weaving. Interesting picture of loom, p. 32.

547. Six, J. Altgriechische Gewebemuster und Webetechnik. illus. (Oesterreichisches Archäologisches Institut in Wien. Jahreshefte. Wien, 1913. Bd. 15, p. 81-108.)

MTGA

548. Skeat, Walter William. Second report on the Cambridge Exploring Expedition to the Malay provinces of lower Siam. (British Association for the Advancement of Science. Report. London, 1901. 71. meeting, 1901, p. 411-424.)

* **EC**

The illustrations designed to accompany this report are omitted. They may be found, however, in *Man*, London, 1901, v. 1, opp. p. 177, **QOA**.

549. Skeat, Walter William, and C. O. Blagden. Pagan races of the Malay Peninsula. London: Macmillan & Co., Ltd., 1906. 2 v. illus. 8°.

QPH

See v. 1, p. 375-377 for bark cloth and basketry.

550. Skertchly, J. A. Dahomey as it is; being a narrative of eight months' residence in that country... London: Chapman & Hall, 1874. xx, 524 p. illus. 8°.

BML

See p. 494-495.

551. Smith, Katherine Louise. The Doukhobors of Canada, a community of Siberian exiles which is being brought to great financial prosperity by a Russian captain of industry. illus. (Craftsman. New York, 1907. v. 12, April, 1907, p. 64-79.)

MNA

Pictures of loom and spinning wheels.

552. Smith, William. Dr. William Smith's dictionary of the Bible, comprising its antiquities, biography, geography, and natural history. Revised & edited by Professor H. B. Hackett... Boston: Houghton, Mifflin & Co., 1885. 4 v. 8°.

* **YID**

Biblical references under headings: Spinning (p. 3103), Weaving (p. 3489).

553. Smith, William, and others. A dictionary of Greek and Roman antiquities, edited by William Smith, William Wayte, G. E. Marindin. 3. ed. rev. & enl. London: John Murray, 1890-91. illus. 2 v. 4°.

* **R - BTG**

See headings: *Fusus* (distaff) and *Tela* (loom). Classical references are often referred to.

554. Smyrna Oriental carpets. (Textile mercury. Manchester, 1907. v. 37, p. 104-105.)

† **VLA**

Little of technical interest.

555. Snouck Hurgronje, Christiaan. The Achehnese... Translated by the late A. W. S. O'Sullivan... with an index by R. J. Wilkinson. Leyden: Late E. J. Brill, 1906. 2 v. illus. 4°.

BFP

Weaving briefly described in v. 2, p. 63-64, with picture of a loom.

556. Solvyns, François Balthazar. *Les Hindous, ou Description de leurs mœurs, coutumes et ceremonies.* Paris, 1808-12. 4 v. f°. **†† BGS**

See v. 1, no. 5, plate 2 for large colored plate of Indian tantys or weavers, with loom. v. 4, no. 8, plate 4 shows an attractive weaving and spinning scene.

557. Spencer, Baldwin. *Native tribes of the northern territory of Australia.* London: Macmillan & Co., Ltd., 1914. xx, 516 p. illus. 8°. **QPH**

See p. 378-389 (baskets), 396 (spindles). Attractive armlets are shown in color, plate 8.

558. Spindle whorls. (Antiquary. London, 1880. v. 2, p. 134.) **CA**

Letters from Robert Fitch and J. Romilly Allen citing references.

559. Spinners in Shetland. (Textile recorder. Manchester, 1898. v. 16, p. 72.) **VLA**

560. Spinning. illus. (United States.—Commissioner of Patents. Report. Washington, 1851. 1850, part 1, p. 374-386.) * **V**

Chiefly weaving and spinning by Aztecs and modern Indians.

560a. Spinning in Persia. illus. (Reliquary & illustrated archaeologist. London, 1899. new series, v. 5, p. 46-48.) **CA**

561. Spinning and weaving in Burma. (Textile mercury. Manchester, 1911. v. 45, p. 296.) **† VLA**

Little of technical interest.

562. Squier, Ephraim George. *Observations on the archæology and ethnology of Nicaragua.* illus. (American Ethnological Society. Transactions. New York, 1853. v. 3, part 1, p. 82-158.) **HBA**

Cuts of spinning and weaving apparatus from Mexican manuscript.

563. — Peru. *Incidents of travel and exploration in the land of the Incas.* New York: Harper & Brothers, 1877. xx, 599 p. illus. 8°. **Stuart 5653**

Brief references, with several pictures, to fabrics. Picture of a spindle. Little of technical interest.

564. Stafford, G. W. *Ancient looms.* illus. (Textile recorder. Manchester, 1896. v. 14, p. 46-47.) **†† VLA**

Pictures of looms from ancient drawings.

565. Start, Laura E. *Burmese textiles from the Shan and Kachin districts.* Halifax [Eng.]: F. King & Sons, Ltd., 1917. 51 p. illus. 4°. (Bankfield Museum notes. series 2, no. 7.) * **F (Bankfield)**

Mainly concerned with the design of garments. Weaving briefly described on p. 9.

566. — Coptic cloths. Halifax [Eng.]: F. King & Sons, Ltd., 1914. 35(1) p. illus. 4°. (Bankfield Museum notes. series 2, no. 4.) * **F (Bankfield)**

Samples are grouped chronologically. Weave details given. Set of Egyptian sewing implements shown on p. 4. Reviewed in *Textile mercury*, v. 51, 1914, p. 106.

567. Stevenson, James. *Illustrated catalogue of the collection of 1881.* illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1884. no. 3, 1881/2, p. 519-594.) **† HBB**

See plate opp. p. 590 for Moki method of weaving.

568. — *Illustrated catalogue of the collections obtained from the Indians of New Mexico and Arizona in 1879.* illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1883. no. 2, 1880/1, p. 307-465.) **† HBB**

For baskets see figures 535-545. Spindle whorl, with brief description, on p. 392-393. Colored plate showing blanket loom opp. p. 455, with description on p. 434.

569. Stevenson, Matilda Cox. *The Zúñi Indians.* illus. (United States.—Bureau of Ethnology. Annual report. Washington, 1904. v. 23, p. 13-608.) **† HBB**

Plate 94 shows weaving of a belt.

570. Stoeckel, J. M. *Modern Turkey carpets, a monograph.* illus. (In: Imperial and Royal Austrian Commercial Museum. Oriental carpets. Vienna, 1892. p. i-iv.) **†† MOP**

571. Stoll, Otto. *Die Ethnologie der Indianerstämme von Guatemala.* Leiden: P. W. M. Trap, 1889. xii, 112 p., 2 col'd pl. f°. (Internationales Archiv für Ethnographie. Supplement. Bd. 1.) **† QOA (Internationales)**

Spinning and weaving briefly referred to, p. 101. Plate 1 shows fabrics in color.

572. Stuebel, Alfons. *Über altperuanische Gewebemuster und ihnen analoge Ornamente der altklassischen Kunst.* illus. (Verein für Erdkunde zu Dresden. Festschrift zur Jubelfeier des 25jährigen Bestehens. Dresden, 1888. p. 35-56.) **KA A**

Descriptions of weaves.

573. Stuhlmann, Franz. *Ein kulturgeschichtlicher Ausflug in den Aures (Atlas von Süd-Algerien) nebst Betrachtungen über die Berber-Völker.* Hamburg: L. Friederichsen & Co., 1912. xi, 205 p. illus. 4°. (Hamburgisches Kolonialinstitut. Abhandlungen. Bd. 10.) **BKN**

See p. 113-122. Pictures and diagram of loom.

574. Summary abstracts of the rewards bestowed by the Society, from the institution in 1754, to 1782, inclusive... (Society... for the Encouragement of Arts, Manufactures, and Commerce. Transactions. London, 1783. v. 1, p. 1-62.) **VA**

p. 32-35 refer to rewards for spinning and weaving, with a reference to Hargreaves and his spinning jenny.

575. Sutherland, Millicent Fanny St. Clair-Erskine, duchess of. *The story of a Highland industry.* illus. (Youth's companion. Boston, 1900. v. 74, p. 685.) * **DA**

Also in *Current literature*, New York, v. 30, 1901, p. 357-358, * **DA**.

576. The "Swadeshi" hand-loom. illus. (Textile mercury. London, 1912. v. 47, p. 8-9.) †VLA
Mr. F. O. Maxwell's improvement upon the native Indian hand-loom.
577. The Swiss silk industry. (Textile recorder. Manchester, 1910. v. 28, p. 2.) ††VLA
Condition of the industry. Little of technical interest.
578. Talcherkar, V. A. The cotton fibre in India. (Textile recorder. Manchester, 1902. v. 20, p. 257-258.) ††VLA
Principally devoted to methods of ginning.
579. Tallberg, Axel. The textile arts in Sweden. illus. (International studio. New York, 1905. v. 26, p. 110-117.) MAA
Refers to work of the various handicraft societies.
580. Tennant, William. Indian recreations; consisting chiefly of strictures on the domestic and rural economy of the Mahomedans and Hindoos. Edinburgh: C. Stewart, 1803. 2 v. 8°. BGS
Picture of loom opp. p. 299.
581. Textile industries in the Himalayas. (Textile recorder. Manchester, 1898. v. 16, p. 155.) ††VLA
582. Thomson, W. G. A history of tapestry from the earliest times until the present day. London: Hodder & Stoughton, 1906. xvi, 506 p. illus. 4°. †MOR
Has a history of ancient weaving. Diagram opp. p. 2 shows details of simplified tapestry loom.
583. Thurston, Edgar. The cotton fabric industry of the Madras Presidency. illus. (Journal of Indian art. London, 1897. v. 7, p. 20-32.) †MNE
584. — Monograph on the woollen fabric industry of the Madras Presidency. Madras: Gov. Press, 1898. 12 p. f°. ††MOP
585. Tiffany Studios. The Tiffany Studios' collection of antique Chinese rugs. New York, 1908. 96 p. illus. 8°. MOP
Chapter 3: Methods of weaving.
586. Tobey, Frances. Shottery gardens, and its workers. illus. (Craftsman. New York, 1913. v. 24, Aug., 1913, p. 494-500.) MNA
587. Todd, Mattie Phipps, and ALICE W. COOLEY. Hand-loom weaving, a manual for school and home. Chicago: Rand, McNally & Co. [cop. 1902.] 160 p. illus. 12°. VLD
Well illustrated and has a good bibliography.
588. Tomlinson, Charles, editor. Cyclo-pedia of useful arts, mechanical and chemical, manufactures, mining and engineering. London: George Virtue & Co., 1852-54. 2 v. illus. 8°. VB
See heading *weaving* for descriptive and historical article. Includes: varieties of weaving; plain weaving; pattern or figure weaving; mechanical or power weaving; carpet weaving; lace and bobbin net; hosiery, or stocking-frame weaving.
589. Tozer, Henry J. The present and future of hand spinning and weaving in India. (Textile recorder. Manchester, 1905. v. 23, p. 67, 98.) ††VLA
- Trebeck, George, joint author. See Moorcroft, William, and GEORGE TREBECK.
590. Tregear, Edward. The Maori race. Wanganni, N. Z.: A. D. Willis, 1904. xviii, 592 p. illus. 8°. QPH
See chapter 12: Textiles, dress, ornaments. Loom is described.
591. Treichel, A. Alte Gebräuche in Westpreussen. illus. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Berlin, 1882. Jahrg. 1882, p. 506-508.) QOA (Zeitschrift)
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592. Tryon, Rolla Milton. Household manufactures in the United States, 1640-1860. Chicago: University of Chicago Press [1917]. xii, 413 p. 8°. TAH
593. Turgan, Louis. The Gobelins tapestry manufactory of the French Government. (Royal Society of Arts. Journal. London, 1899. v. 47, p. 744-749.) VA
Also in *Textile recorder*, Manchester, v. 17, 1899, p. 169-170, 204-205.
594. Tylor, Edward Burnett. Researches into the early history of mankind and the development of civilization. London: John Murray, 1878. iv, 388 p. 3. ed. rev. illus. 8°. QOI
Brief reference to wattled cloth, p. 189-190.
595. Uhle, Max. Pachacamac. Report of the William Pepper Peruvian expedition of 1896. Philadelphia: Department of Archaeology of the University of Pennsylvania, 1903. xi, 103 p. illus. f°. ††HHH
Ancient Peruvian fabrics described. Spindle whorls and weaving stick illustrated.
596. Union Loom Works, Inc. Union rug and carpet looms for home and custom weaving. Boonville, N. Y.: The Company [1921?]. 20 p. illus. 8°. Vert. File, 121
597. Ure, Andrew. The cotton manufacture of Great Britain investigated and illustrated with an introductory view of its comparative state in foreign countries... to which is added a supplement... by P. L. Simmonds. London: H. G. Bohn, 1861. 2 v. illus. 8°. 3-VLLE
v. 1, book 3 has a lengthy chapter on the history of the factory system, with particular reference to the great inventions of the later eighteenth century. Chapter 5, v. 2, comprises a history of weaving, with good description of the hand-loom. Chapter 6, v. 2, traces the history of bobbin-net manufacture. The book is well illustrated. Library also has the English ed. of 1836 and the German ed. of 1843.

598. **Veltman**, Th. J. *De Atjèhsche Zijde-industrie*. illus. (*Internationales Archiv für Ethnographie*. Leiden, 1912. Bd. 20, p. 15-58.) †† **QOA**

Good descriptions of spinning and weaving, with loom diagrams and pictures.

599. **Very**, Edith. *Warp and woof, the story of the textile arts. I: The linen industry*. Boston: Educational Publishing Co. [cop. 1912.] 74 p. illus. 8°. **VLB**

600. **Vickerman**, Charles. *Woollen spinning, a textbook for students in technical schools and colleges, and for skillful practical men in woollen mills*. London: Macmillan & Co., 1894. xii, 352 p. illus. 8°. **VLMD**

Part 10: Spinning: its history, principles, and progress.

601. **Victoria & Albert Museum**. — *Department of Textiles. Catalogue of textiles from burying-grounds in Egypt. v. 1: Graeco-Roman period*. London: His Majesty's Stationery Office, 1920. 142 p. illus. 8°. 3 — **MON**

Extensive bibliography.

602. — *Guide to the collection of carpets*. London: H. M. Stationery Office, 1915. 96 p. illus. 8°. **MOP**

Plate 45 shows two views of a carpet loom made by William Morris. Plates 46-47 show knots used in rug weaving.

603. — *Guide to the Japanese textiles. Part 1. Textile fabrics*. London: H. M. Stationery Office, 1919. xi, 68 p. illus. 8°. **MON**

See introduction for historical notice.

604. **Vigne**, Godfrey Thomas. *Travels in Kashmir, Ladak, Iskardo, the countries adjoining the mountain-course of the Indus ...* London: Henry Colburn, 1844. 2 v. 8°. **BGR**

See v. 2, p. 124-134 for the manufacture of shawls.

605. **Vincenz**, Friedrich von. *Ein Ausflug zu den Teppichknüpfern im Kula*. illus. (Globeus. Braunschweig, 1900. Bd. 78, p. 350-357.) † **KA**

Figure 1: Greek rugmakers.

606. **Vivian**, William. *The Mendi country, and some of its customs and characteristics of its peoples*. illus. (Manchester Geographical Society. Journal. Manchester, 1896. v. 12, p. 1-34.) **KA**

Pictures, p. 20-23. Section on textiles is abstracted in *Textile recorder*, v. 14, 1897, p. 330-331.

607. **Vogel**, Hans. *Eine Forschungsreise im Bismarck-Archipel ...* Hamburg: L. Friederichsen & Co., 1911. xvi, 307 p. illus. 4°. **QPH**

p. 63, woman weaving. Feet hold back beam; strap about back holds front one.

608. *Das Volk der Tanala*. illus. (Globeus. Braunschweig, 1906. Bd. 89, p. 358-362.) †† **KA**

Picture of loom, p. 361.

609. **Vuia**, Romulus. *Flechtereie mit Stäbchen bei den Rumänen*. illus. (*Zeitschrift für Ethnologie*. Berlin, 1914. 4°. Jahrg. 46, 1914, p. 824-828.) **QOA**

Three illustrations, with description.

610. **Wade**, A. S. *Cotton spinning*. London: Sir Isaac Pitman & Sons, Ltd. [1921.] xi, 104 p. illus. 8°. (Common commodities & industries.) **VLL**

See chapters entitled: Early spinning inventions; The jenny and the water frame; The mule and the water frame.

Waite, Charlotte A., joint author. See **McGowan**, Ellen Beers, and **CHARLOTTE A. WAITE**.

611. **Walker**, Louisa. *Varied occupations in weaving*. London: Macmillan & Co., Ltd., 1901. xviii, 224 p. illus. 8°. **VNI**

Children's exercises in mat, cane, straw, and string weaving.

612. **Walsh**, George Ethelbert. *The weavers of the Philippines*. (The Catholic world. New York, 1902. v. 74, p. 761-766.) * **DA**

613. **Walton**, Perry. *The story of textiles; a bird's-eye view of the history of the beginning and the growth of the industry by which mankind is clothed*. Compiled and written for John S. Lawrence. Boston: Walton Advertising & Prtg. Co., 1912. 274 p., 34 pl., 14 ports. 8°. **VL**

Deals largely with development of the textile industry in England and America. Pictures of primitive looms and portraits of inventors.

614. **Walton**, W. *A short history of cotton, its culture, trade and manufacture, in the Belgaum and Kaladgi districts of the Bengal Presidency*. Bombay: Government Central Press, 1880. iv, 230 p. illus. 8°. **VLL**

See p. 146-154 for account of spinning and weaving. Rough sketches of apparatus.

615. **Wanamaker**, John. *Rugs of India*. New York, n. d. 45 p. illus. 8°. 3 — **MOP v.1, no.9**

Advertising booklet with good illustrations of apparatus.

616. **Warden**, Alexander J. *The linen trade, ancient & modern*. London: Longman, Green, Longman, Roberts & Green, 1864. xi, 745 p. 8°. **VLOE**

See section 3: Manufacturing operations; also index under headings: Weaving; Spinning.

617. **Wardle**, Thomas. *History and description of the growing uses of tussar silk*. illus. (Society of Arts. Journal. London, 1891. v. 39, p. 608-651.) **VA**

618. **Warner**, H. H. *Songs of the spindle & legends of the loom, selected and arranged ... with illustrations by A. Tucker, H. H. Warner and Edith Capper*. London: N. J. Powell & Co., 1889. 32 p. illus. sq. 8°. **NAC**

619. Watson, John Forbes. The textile manufactures and the costumes of the people of India... London: Printed for the India Office by Eyre & Spottiswoode, 1866. xxi, 173 p. col'd pl. f°. ††VL

Describes 700 samples. Detailed description of weaving of Dacca muslins (with eight pictures of looms). Metallized fabrics, p. 109-117; Cashmere shawls, p. 118-135.

"It was necessary that he [the reader] should know how the garment was worn, by which sex, and for what purpose—how, in short, the people were clothed, as well as the qualities of the fabrics they used. It was further necessary that he should know why certain arrangements of ornamentation were adopted, as well as the styles of ornamentation and the materials employed." — *Preface*.

For an extended review of this work see *Edinburgh review*, July, 1867.

620. Watson, John. The theory and practice of the art of weaving by hand and power with calculations and tables for the use of those connected with the trade. Philadelphia: Henry Carey Baird, 1864. viii, 388 p. illus. 8°. VLD

Brief history of weaving. Few technical details of handloom construction.

621. Watt, Sir George. Indian art at Delhi, 1903; being the official catalogue of the Delhi Exhibition, 1902-1903... The illustrative part by Percy Brown. London: John Murray, 1904. xv, 546 p. illus. 8°. MAF

See Class 7 for descriptions of Indian fabrics. Shawl making briefly described.

622. The Weaving industry of Egypt. (Royal Society of Arts. Journal. London, 1912. v. 60, p. 372-373.) VA

Abstract of pamphlet by Sidney H. Wells entitled *L'industrie du tissage en Egypte*. Deals with the state of the industry in modern Egypt.

623. Weaving as practised by the ancient Egyptians. (Textile recorder. Manchester, 1903. v. 20, p. 303.) ††VLA

General in scope with little of technical interest.

624. Webb, W. H. The genesis and history of the hosiery or machine-knitting trade. illus. (Textile recorder. Manchester, 1913-16. v. 31, p. 212, 249, 295-296, 328-329, 364-365, 464-465; v. 32, p. 10-11, 52, 89-90, 127, 187-189, 225, 259, 293, 324-325, 362, 391-392; v. 33, p. 15, 42, 76-77, 109-110, 141-142, 168, 198, 227, 263-264, 286-287, 317.) ††VLA

625-626. — The romance of the Nottingham machine-made lace trade. illus. (Textile recorder. Manchester, 1914. v. 32, p. 128-129.) ††VLA

Pictures of early machines.

627. Weeden, William Babcock. The art of weaving: a handmaid of civilization. (American Historical Association. Annual report. Washington, 1903. 1902, v. 1, p. 191-210.) IAA

628. — Economic and social history of New England, 1620-1789. Boston: Houghton, Mifflin & Co., 1890. 2 v. 8°. IQ

Little of technical interest.

629. Weeks, John H. Among Congo cannibals. Experiences, impressions, and adventures during a thirty years' sojourn amongst the Boloki and other Congo tribes with a description of their curious habits, customs, religion and laws. London: Seeley, Service & Co., Ltd., 1913. 352 p. illus. 8°. QPE

See p. 85-86 for brief account of string making and bark cloth.

630. — Among the primitive Bakongo, a record of thirty years' close intercourse with the Bakongo and other tribes of equatorial Africa, with a description of their habits, customs, & religious beliefs. Philadelphia: J. B. Lippincott Company, 1914. 318 p. illus. 8°. QPE

Brief description of mat making, p. 92-93.

631. Weiss, Max. Die Völkerstämme im Norden Deutsch-Ostafrikas. Berlin: Carl Marschner, 1910. xviii, 455 p. illus. 4°. QPF

Chapter 7: Das Handwerk has pictures of basket and mat weavers.

632. Wereschagin, Basil. Von Chodschend nach Samarkand. illus. (Globus. Braunschweig, 1873. Bd. 24, p. 113-119.) †KAA

p. 115, spinning with a crude spinning wheel.

633. Werner, Alice. The natives of British Central Africa. London: Archibald Constable & Co., Ltd., 1906. xii, 303 p. illus. 8°. (The native races of the British Empire.) QPE

See p. 195-201 for weaving and a picture of a loom.

634. West, Max. The revival of handicrafts in America. (United States. — Labor Bureau. Bulletin. Washington, 1904. v. 9, p. 1573-1622.) TDV

Part 1, on Domestic weaving and rug making, tells briefly of the work among the Acadians of Louisiana, at Asheville, N. C., the Allanstand cottage industries, the Berea fireside industries, the Hull House labor museum, Abnakee rugs, Sebatos rugs, Cranberry rugs, Subbekashe rugs, institutional rug making in New York City, and rug making in various other places.

635. Weston, Rachel. A revival of the hand loom. illus. (Good housekeeping. Springfield, Mass., 1901. v. 33, p. 177-182.) VSA

Brief account of the Sebatos rug made on the farms of Maine; also of Swedish loom work in Massachusetts.

636. Weule, Karl. Leitfaden der Völkerkunde. Leipzig und Wien: Bibliographisches Institut, 1912. viii, 152 p., 1 map, 120 pl. 4°. †QOL

Brief general text, p. 112-113. Celebes loom picture, plate 33; Zuni, plate 41; Hopi, plate 42.

637. **Weyenbergh, H.** Alt-indische Werkzeuge. Pfeilspitzen u. dgl. (Berliner Gesellschaft für Anthropologie, Ethnologie und Urgeschichte. Verhandlungen. Berlin, 1880. Jahrg. 1880, p. 366-374.)

QOA (Zeitschrift)

Bound with: Zeitschrift für Ethnologie. Bd. 12. Illustrates a five-pronged copper distaff used by Indians of the Pampa de la Rioja, South America.

638. **Wheeler, Candace.** Home industries and domestic manufactures. (Outlook. New York, 1899. v. 63, p. 402-406.) *DA

A plea for home-made rugs. Little of technical interest.

639. — How to make rugs. New York: Doubleday, Page & Co., 1902. 130 p. illus. 12°. **MOP**

640. **Wiener, Charles.** Pérou et Bolivie. Récit de voyage, suivi d'études archéologiques et ethnographiques et de notes sur l'écriture et les langues des populations indiennes. Paris: Hachette et Cie, 1880. xi, 796 p. illus. 4°. **HHY**

"The handsome work of Wiener, although without colored plates, contains a multitude of instructive illustrations." — *William H. Holmes.*

641. **Wilkinson, Frederick.** The story of the cotton plant. New York: D. Appleton & Co., 1899. 191 p. illus. 12°. **VLLD**

Has history of spinning, emphasizing eighteenth century developments.

642. **Wilkinson, Sir John Gardner.** The manners and customs of the ancient Egyptians... A new edition, revised and corrected by Samuel Birch. London: John Murray, 1878-79. 3 v. 8°. *OBK

See index under: Cloth; Cotton; Flax; Loom; Nets; Linen; Spindle; Spinning; Weaving; Yarn.

643. **Williamson, Robert W.** The Mafulu, mountain people of British New Guinea... with an introduction by A. C. Haddon. London: Macmillan & Co., Ltd., 1912. xxiii, 364 p. illus. 8°. **QPH**

See chapter 13: Bark cloth making, netting and art.

644. **Willoughby, Charles Clark.** A new type of ceremonial blanket from the Northwest coast. illus. (American anthropologist. Lancaster, Pa., 1910. new series, v. 12, p. 1-10.) **HBA**

Weaves are illustrated.

645. **Wilson, Charles Thomas, and R. W. Felkin.** Uganda and the Egyptian Soudan. London: Sampson Low, Marston, Searle, & Rivington, 1882. 2 v. 8°. **BLS**

Brief reference to loom with a small picture. See v. 2, p. 274.

646. **Wilson, Sir Daniel.** The archæology and prehistoric annals of Scotland. Edinburgh: Sutherland and Knox, 1851. xxvi p., 1 l., 714 p., 1 plan, 5 pl. 4°. **QPM**

See p. 328-329 for account of cloths found in the soil of Great Britain.

647. **Winters, Lawrence.** Rugs and carpets from the Orient. New York: H. B. Claflin Co., n. d. 111 p. illus. 8°. **MOP**

Loom operated by five women shown on p. 9.

648. **Wissler, Clark.** In the home of the Hopi Indian. illus. (American Museum journal. New York, 1915. v. 15, p. 343-348.) **PQA**

p. 345, spinning and weaving scene.

649. **Wood, Coniah.** Spinning machines. illus. (British patent specification, no. 1018 for the year 1772.) *V

"The first to introduce the traverse rail for the winding, and to dispense with the heck upon the flyer." — *Marsden.*

650. **Wood, Sir Henry Trueman.** The first spinning-jenny. (The Antiquary. London, 1881. v. 3, p. 58-60.) **CA**

Discusses Lewis Paul's claim to the honor.

651. — The inventions of John Kay (1704-1770). (Royal Society of Arts. Journal. London, 1911. v. 60, p. 73-86.) **VA**

History of the fly-shuttle. Also in *Textile recorder*, Manchester, v. 29, 1912, p. 346-347, 382-383.

652. **Wood-Martin, William Gregory.** Pagan Ireland, an archæological sketch. A handbook of Irish pre-Christian antiquities. London and New York: Longmans, Green & Co., 1895. xxviii, 689 p. illus. 8°. **QPM**

See p. 402-403, 414-417 for brief references to spindle-whorls.

653. **Woodbury, Charles Jephtha Hill.** Textile education among the Puritans. Read before The Bostonian Society, Boston, Mass., April 18th, 1911. (Boston, 1911.) 30 p. 4°. **VLB p.v.9, no.4**

Repr.: National Association of Wool Manufacturers. Bulletin. v. 41, 1911, p. 265-292, *VLMA.*

654. **Woodhouse, Thomas.** The handicraft art of weaving. London: Henry Frowde & Hodder and Stoughton, 1921. xii, 165 p. illus. 12°. **VLD**

An unusually complete manual originally published in the *Textile recorder*, Manchester, England.

"Simple methods of warping, beaming, and frame weaving are fully illustrated and carefully described, and finally the somewhat similar methods adopted in the commercial manufacture of Oriental, Donegal, and real Axminster carpets are discussed at length." — *Preface.*

655. — Plain, pile and similar weaving on simple frames. illus. (Textile recorder. Manchester, 1920. v. 38, p. 86-87.) †† **VLA**

Shows details of looms for weaving Persian, Donegal, and real Axminster rugs and carpets.

656. **Woodthorpe, R. G.** Some account of the Shans and Hill tribes of the states on the Mekong. illus. (Anthropological Institute of Great Britain and Ireland. Journal. London, 1897. v. 26, p. 13-28.) **QOA**

p. 20: picture of Muhso woman weaving.

657. **Woolman, Mary Schenck.** Domestic art in the Horace Mann School. illus. (Teachers College record. New York, 1900. v. 1, no. 5, p. 76-83.) **SSA**

658. — Revival of English handicrafts. illus. (Craftsman. New York, 1902. v. 1, no. 4, Jan., 1902, p. 25-32.) **MNA**

Brief account of work directed by Mr. and Mrs. Godfrey Blount.

"The materials are all handwoven and sometimes handspun. They are used for many purposes—hangings, table and sideboard covers, dress goods, etc. A revival of a beautiful old Scandinavian craft is seen in the pattern weaving, and simpler designs are made with treadle weaving."

659. **Woolman, Mary Schenck, and ELLEN B. MCGOWAN.** Textiles; a handbook for the student and the consumer. New York: Macmillan Co., 1913. xi, 428 p., 1 pl. illus. 12°. **VL**

Traces the history of spinning and weaving, with chapters on woolen and worsted manufacture, cotton, silk, linen and minor fibres, testing and chemistry, dyeing, laundering, hygiene, etc. Chapter 3 is devoted to hand weaving. Bibliography, p. 409-411.

660. **Worcester, Dean Conant.** The non-Christian tribes of northern Luzon. illus. (Philippine journal of science. Manila, 1906. v. 1, p. 791-875.) **OA**

See p. 830, 840, and plates 43-45.

661. **Worsaae, Jens Jakob Asmusson.** The industrial arts of Denmark from the earliest times to the Danish conquest of England. London: Chapman & Hall, Ltd., 1882. 2 parts in 1 v. 118, 86 p. illus. 12°. **MNE**

Tells briefly of fabrics found in old graves.

662. **Worst, Edward F.** Constructive work; its relation to number, literature, history and nature work, by Edward F. Worst, assisted by Harriette Barber and Marian Seymour. Chicago: A. W. Mumford & Company [cop. 1905]. 266 p., 3 l. rev. ed. illus. 8°. **SSM**

Has a short chapter on the preparation of flax for spinning and weaving.

663. — Foot-power loom weaving. Milwaukee: The Bruce Publishing Co. [cop. 1918.], 211 p. illus. obl. 8°. **VLD**

An attractively printed and illustrated manual for the amateur weaver. Looms, warping, and threading

are described and details are given for pattern weaving (including colonial, Danish, Norwegian, and damask). Chapters are devoted to the combination of hand-woven textiles and wood; the construction of Danish and Swedish looms, with dimensioned drawings; and dyes and dyeing. Author is supervisor of elementary manual training and construction work, Chicago, Illinois.

664. — Problems in wood work in combination with other materials for elementary training... Milwaukee: The Bruce Pub. Co. [cop. 1917.], 242 p. illus. ob. 12°. **VEN**

Has working drawings for Danish and Swedish looms.

665. **Wray, L.** Notes on dyeing and weaving as practised at Sitiawan in Perak. illus. (Anthropological Institute of Great Britain and Ireland. Journal. London, 1902. v. 32, p. 153-155.) **QOA**

Illustration shows method of tying warp threads preparatory to dyeing.

666. **Yamasaki, N.** Ein Besuch in den Kopffjägerdörfern auf Formosa. illus. (Anthropologische Gesellschaft in Wien. Mitteilungen. Wien, 1901. Bd. 31, p. 23-37.) **QOA**

667. **Yates, James.** Texturinum antiquorum: an account of the art of weaving among the ancients...with an appendix on the period of the invention of linen paper, on felting, on netting, on Pliny's Natural History... London: Taylor and Walton, 1843. xvi, 472 p. illus. 8°. **VLD**

Only part 1 was published. This covers principally the raw materials.

668. **Zonca, Vittorio.** Novo teatro di machine et edificii per varie et sicure operationi... Padova: Pietro Bertelli, 1607. 115 p. illus. 4°. **VF (120)**

On p. 69-75 is an engraving of a spinning jenny worked by water power, with a description. The latter is translated by Thomas Ewbank in *Journal of the Franklin Institute*, Feb., 1849, p. 134-137. Ewbank supposes this to be the oldest extant reference on the subject.

669. Zur Entwicklung der modernen Spinnmaschinen. (Zeitschrift für die gesamte Textil-Industrie. Leipzig, 1903. Jahrg. 6, p. 419-420.) **†† VLA**

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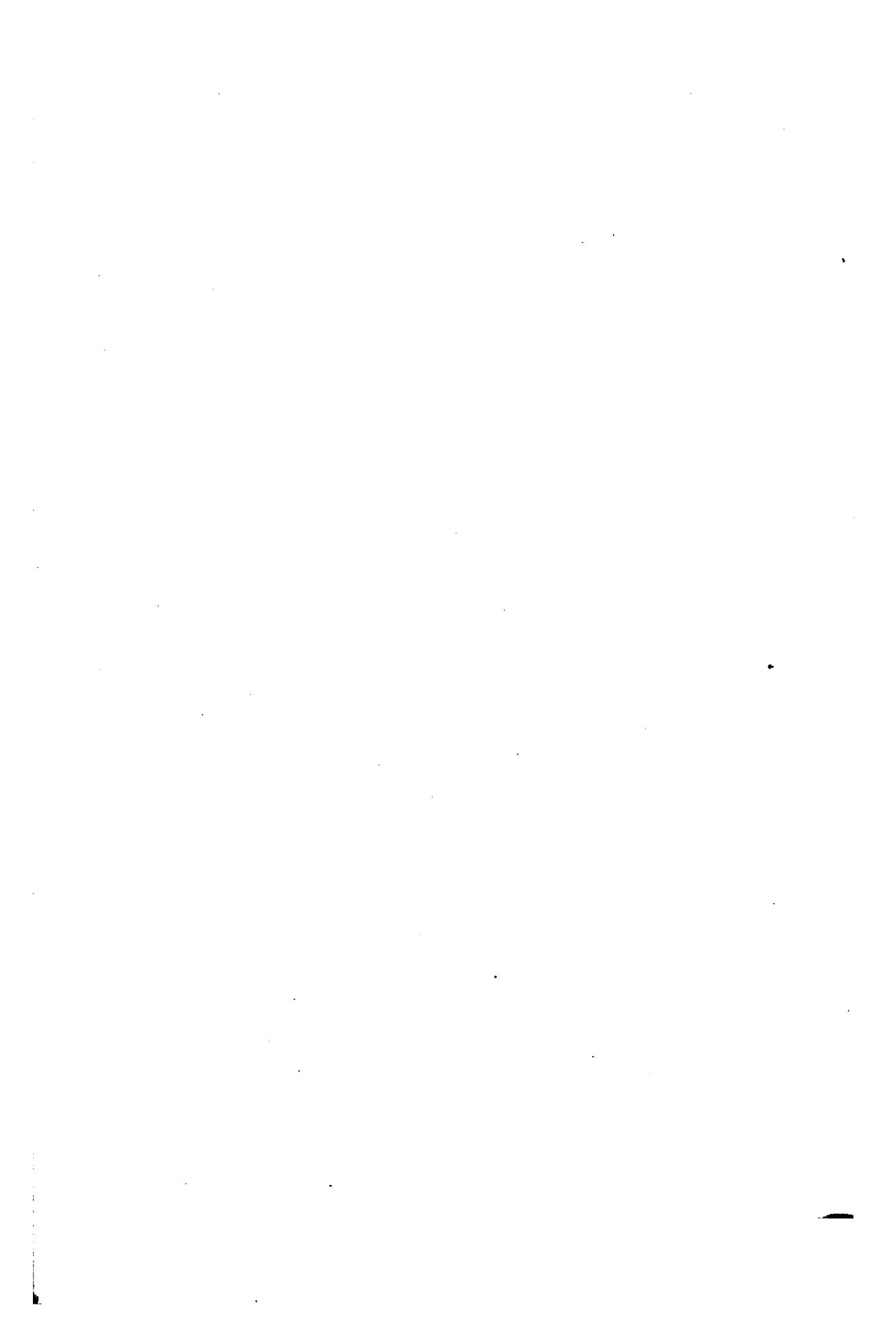
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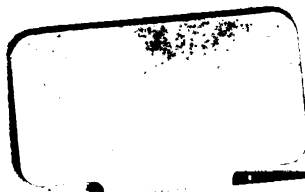
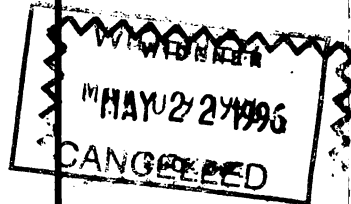
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